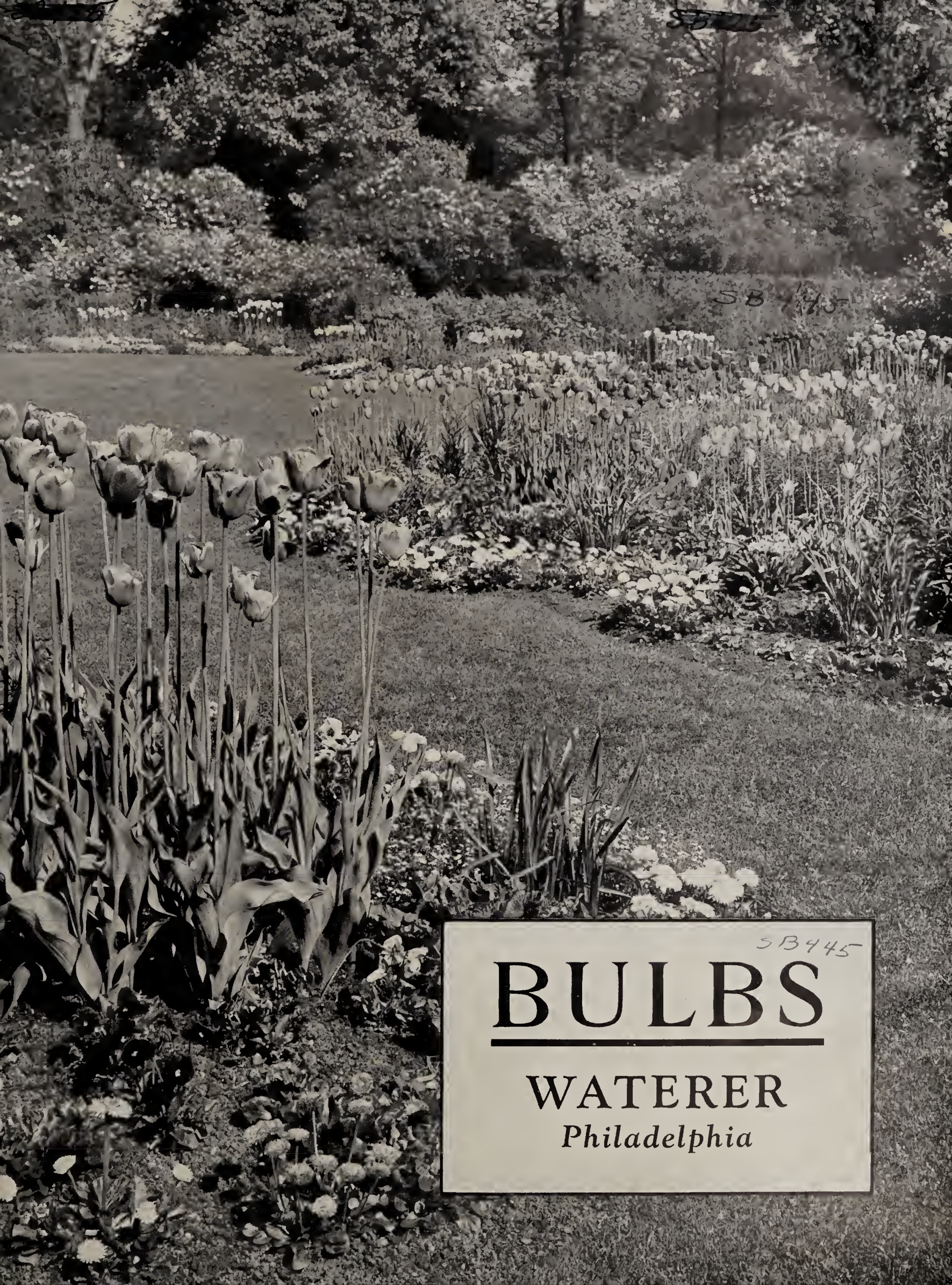


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SB 445

SB 445

# BULBS

WATERER

*Philadelphia*





## BUYING QUALITY IMPERATIVE

**T**HIS YEAR, more than ever, it is important that the buyer use discrimination in purchasing bulbs.

Because prices are unusually low, in some cases those who grow bulbs for the American market have relaxed the care usually given to such stock in order to save on labor costs. It is, therefore, very necessary to buy from a distributor of bulbs who knows which growers are capable of supplying the **Highest Quality** stock grown with the same careful attention of former years.

A representative of this house visits Holland almost every year to determine which growers can supply bulbs of the quality we demand. This fact alone is of great value to our customers.

Hosea Waterer has specialized in selling good bulbs for over forty years and has enjoyed the privilege of supplying a great many of the finest estates in this country. That is a guarantee of quality and service.

We do not pretend to sell at the lowest price, but our prices are always consistent with high quality, as we endeavor to procure only the best.

A comparison of prices this season will show there is very little difference between the best and the so-called bargains. As the best is always the cheapest in the end, do not be misled this year, above all, by offers of cheap bulbs. Buy quality and have complete satisfaction. **Buy the Best.**

### CONCERNING OURSELVES

It is our belief that it is always practical for a customer to know something about the house with which he is dealing. The family of Waterer has been interested in Horticulture for over 200 years without a change of name, the original business being started in England by a direct ancestor of the present owners.

Hosea Waterer came here in 1876 to the Centennial Exposition with a number of Hybrid Rhododendrons

and Azaleas which he showed under tents, and which was said to be one of the most interesting exhibits of the show, because Hybrid Rhododendrons were novelties in the country at that time.

Over 40 years ago he started the business which bears his name, more or less of a specialist in Rhododendrons and Dutch Bulbs, also handling choice and rare varieties of seed imported from Europe.

*It has been our honest endeavor to keep up this business in much the same style as the founder and we do enjoy rather a good reputation for the best things in SEEDS, BULBS, AND PLANTS*

**HOSEA WATERER**  
**SEEDSMAN AND BULB IMPORTER**

**714 Chestnut Street : Philadelphia, Penna.**





## DARWIN TULIPS

**D**ARWIN Tulips bloom in May. They have tall, straight stems, and the flowers are bowl-shaped, slightly flaring at the top, with leathery petals that last for a long time. Their color-range is practically unlimited, and, all in all, they are generally considered the most valuable of the Tulip family. Properly selected varieties will provide a long succession of bloom, and charming color contrasts can be worked out by planting several varieties according to specially devised color-schemes. They may be used for large, ornamental, early-flowering beds or in the border in front of low shrubs where the colors may be displayed against the darker foliage to great advantage.

Vast numbers of Darwin Tulips are grown in pots

every winter to supply the spring demand for cut-flowers as they are superb, lasting many days.

Darwin Tulips should be planted in the fall any time until ground is frozen, in well-prepared soil, sinking the bulbs 4 to 5 inches deep, making sure that all of them are planted at the same depth in order that next spring's growth may be uniform. A light covering of leaves may be kept over the beds in the winter, taking care it is not put on until after ground is frozen, and should be removed as soon as the Tulips show through in the spring. A place sheltered from heavy winds and driving rains will be advantageous when the flowers are in bloom, and they should not be allowed to suffer from lack of water a few days previous to the opening of the buds.

**Afterglow.** II. Rosy apricot-orange, with light tan shading at edges of petals; inside deep orange, with yellowish base. Very brilliant outdoors, particularly when associated with blue flowers. Height, 26 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Anton Mauve.** I. Soft violet, shaded dull garnet and edged soft grayish white; inside dark heliotrope, with white base. This variety has enormous cup-shaped flowers with wavy petals. Height, 32 inches. \$1.15 per doz.; \$8 per 100; \$75 per 1000.

**Baronne de la Tonnaye.** III. A long, beautiful flower, clear carmine-rose at midrib, toning off to soft pink at edges of petals. Height, 30 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Bartigon.** II. Beautiful, large flower of fiery crimson, with white base. One of the finest early Darwins for forcing. Height, 26 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Bleu Aimable.** III. Bluish heliotrope; inside shaded darker, with white base starred blue. A late-flowering and forcing variety of distinct form. Height, 25 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Bleu Celeste.** II. Bright violet-blue; inside darker, with white base and blue halo. The whole flower has a bluish sheen, hence its name. A handsome Tulip of large size and good form. Late forcer. Height, 30 inches. \$3.25 per doz.; \$22.50 per 100.

**Centenaire.** I. Rich violet-rose, with large blue center. Immense flower of perfect form. A magnificent early variety for the border and one of the best for forcing. Height, 30 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**City of Haarlem.** III. One of the largest and brightest red Tulips, being an intense dark scarlet with inner base slate-blue and white halo. Very striking when flower is open. Forces well. Height, 27 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.





Darwin Tulips, The Bishop

## DARWIN TULIPS, continued

**Clara Butt.** III. A lovely shade of salmon-pink. Flower of good size and beautifully shaped. Good forcer. Height, 22 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Dream.** II. Large, cup-shaped, warm heliotrope flower, with silvery lilac edges; inside deep violet; blue base. Fine flower on good long stem. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Duchess of Hohenberg.** II. A magnificent, very large flower of perfect form, borne on a stiff stem. Color pale slaty lilac-mauve with a stripe of rosy heliotrope; inside pale lilac with white base. Height, 29 inches. \$2.50 per doz.; \$17.50 per 100.

**Eclipse.** II. This glowing, rich dark red Tulip is of good form and wonderful firmness of petal and stem. A very large flower, whose color makes it most suitable for supplying that deep richness of tone which is so essential in filling out the border planting. Best of its color for forcing purposes. Height, 30 inches. \$2.50 per doz.; \$17.50 per 100.

**Faust.** II. A long, large flower of dark satiny purple-maroon that is unexcelled for cutting or as background for pale shades. Height, 30 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Flamingo.** II. Lovely shade of flesh-pink tinted rose. Fine oval-shaped and pointed flower with a satiny sheen. Height, 28 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

## DARWIN TULIPS, continued

**Gretchen.** II. Silvery pink, flushed white; inside soft pink; white base, marked blue. A delicate flower and very good for forcing. Height, 22 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Jubilee.** II. One of the best in this color, being a rich blue-purple, paler at the edges. Huge flowers with fine lasting qualities. Height, 30 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Kathleen Parlow.** II. Silvery rose-pink, edges slightly paler. Long flower of splendid color and size. Quite a distinct shade among light pink varieties. Height, 30 inches. \$1.75 per doz.; \$12 per 100.

**King George V.** II. Color a brilliant cherry-rose, with base of petals white. The open flower shows a white center, starred blue. A grand show variety as it forces well and of a somewhat softer color. This variety is highly recommended. Height, 30 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**La Fiancee.** II. A most beautiful deep rose color which shades old-rose and pink at edges and with a pale blue base. Looks well when it is grown with lavender and purple varieties. Height, 30 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**La Tristesse.** II. Slaty blue, with grayish edges and white base. Looks well when grouped above the pale yellow varieties. Height, 26 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**La Tulipe Noire (The Black Tulip).** III. Very dark maroon-black—the darkest of all Tulips. Effective with orange and deep yellow kinds. Height, 28 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Le Notre.** I. Beautiful shade of bright pink; blue center starred white. An excellent early forcer and fine exhibition variety. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Lilac Wonder.** II. Porcelain-lilac with white center. Well-shaped flower on strong stem. An entirely new shade in Tulips. The flower is of huge size and possesses extra-fine keeping qualities. Height, 26 inches. \$1.75 per doz.; \$12 per 100.

**Melicette.** II. Pure soft lavender; inside darker lavender-violet, with edges paling to lavender and a lovely blue base. One of the finest pastel shades. Height, 26 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Mr. Farncombe Sanders.** II. Brilliant orange-scarlet flower, with white center starred blue. A grand flower outdoors and a fine forcer. Height, 30 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Philippe de Comines.** II. A large flower of deep purple-maroon with a velvety sheen. A splendid flower on good stem suitable for garden or forcing. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Pride of Haarlem.** I. Very popular red Tulip for all purposes. A large flower of deep carmine-rose, shaded scarlet; sweet-scented. A sure early forcer and extremely popular for outdoor bedding. Height, 28 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Princess Elizabeth.** II. A beautiful rose-pink variety, deepening with age. The exquisitely shaped, long flowers, when fully opened, are carried on good stiff stems. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Princess Mary.** II. Bright carmine-rose margined rose-pink; inside clear carmine-rose with white base and blue halo. Enormous flower on good strong stem. One of the finest new Darwins and excellent for forcing. Height, 30 inches. \$2.50 per doz.; \$17.50 per 100.





Darwin Tulips: 1. Baronne de la Tonnaye; 2. Clara Butt; 3. La Fiancee

## DARWIN TULIPS, continued

**Psyche.** I. A large, handsome flower of rich silvery rose, edged pale rose; inside paler, with blue center. Very beautiful in the border or for pot culture. Height, 26 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Rev. H. Ewbank.** II. Soft lavender-violet, flushed silvery gray, darkening toward the white base. A good-sized flower, and fine in the border in combination with pale yellow varieties. Height, 22 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Roi d'Islande (Matchless).** II. Fine old-rose, slightly paler at edges. Large, well-shaped flower. Splendid for outdoor beds and for medium and late forcing. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Ronald Gunn.** II. The nearest approach to a true blue to be found in any Tulip, being a clear blue-violet edged lavender; inner base white marked blue. Height, 28 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Scotch Lassie.** II. Pure deep lavender with darker shading. A fine improved flower in this color, being larger and far more substantial. Petals slightly reflexing. Will last three weeks or longer in the garden or cut. Height, 26 inches. \$1.75 per doz.; \$12 per 100.

## FLOWERING TIME

*The Roman numerals I, II or III, following the name in the description of any bulb indicates the relative time of blooming, those numbered I being noticeably earlier, and those numbered III being later than the major group designated by number II.*

## DARWIN TULIPS, continued

**The Bishop.** III. A remarkably fine flower of ideal form. Color a real deep violet-blue, showing a white star in center. An unusually good show variety as it forces exceptionally well. Combines beautifully with any yellow spring flowers in the garden. One of the best of the dark-colored Tulips. Height, 28 inches. \$2.25 per doz.; \$15 per 100.

**Valentin.** I. Soft heliotrope, shaded violet; inside heliotrope with blue base. Long, graceful flower. A fine Tulip for both outdoors and forcing. Height, 22 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Venus.** III. A magnificent, large, globular flower of silvery rose-pink; inside lustrous rose, with pure white center. An outstanding pink variety for either outdoors or forcing. Strong, sturdy stems. Height, 28 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**White City.** II. Pure white from opening of the bud until maturity; black anthers. Large, strong flower carried on stiff stems. Height, 28 inches. \$1.25 per doz.; \$9 per 100; \$85 per 1000.

**William Copland.** I. An even tone of rosy lilac. The earliest of lilac Darwins, and can easily be forced with the early Tulips. Outdoors it is pale purple fading to rosy lavender. Looks well when grown with Mrs. Moon, and pale blue forget-me-not. Height, 25 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**William Pitt.** II. Dark velvety crimson with a purple bloom on the petals. A grand garden Tulip and an early forcer. Height, 24 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Yellow Giant.** I. A real pure golden yellow Tulip of fine globular form carried on tall, stiff stems. In short, the best yellow Darwin moderately priced. Height, 28 inches. \$2.25 per doz.; \$15 per 100.

**Yolande.** II. A lovely tone of soft cerise; inside brilliant salmon-rose; yellow base. This tall flower is effective if planted with white iris. Height, 29 inches. \$1 per doz.; \$7 per 100; \$65 per 1000.

**Zwanenburg.** III. A most attractive Tulip. Very large, pure white flower with black anthers. One of the best white Darwins, regardless of price. Height, 28 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Giant Darwins Mixed.** Selected from our stock of named varieties to form a well-balanced color combination. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Mixed Darwins.** All colors. 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.

## WATERER'S POPULAR DARWIN COLLECTION

Made up of six separate varieties, including the Inglescombe Yellow (sometimes called the "Yellow Darwin"). Each one is a distinct color and they will form a wonderful group, planted either separately or together.

Although sold at a reduced price, this is not a collection of cheaper grade bulbs procured for this purpose, but the same **Highest Quality** bulbs from our regular stock.

**Centenaire**, violet-rose; **Clara Butt**, salmon-pink; **Inglescombe Yellow** (Cottage); **Philippe de Comines**, purple; **Pride of Haarlem**, red; **Reverend H. Ewbank**, lavender.

6 of each ( 36 in all)	\$1 75
12 of each ( 72 in all)	3 25
25 of each (150 in all)	6 00
50 of each (300 in all)	11 50
100 of each (600 in all)	22 00





## COTTAGE TULIPS

**C**OTTAGE Tulips differ from Darwins chiefly in the shape of the flower, which is more graceful and lily-like in the true Cottage varieties. Some of the most beautiful Tulips in the world belong to this

family, and a good many of them strongly resemble the Darwins. This section is particularly rich in good yellow Tulips which are rare in the other classes, and also contains many of the newest and loveliest hybrids.

**Ambrosia.** II. Outer petals flushed lilac-rose with broad tan edge and amber lights; inside salmon-orange, changing to amber and yellow base. The whole flower is suffused with a rosy glow, giving it unusual beauty. A marvelous specimen of the newer hybrids. Superb planted with purple-maroon varieties. Height, 28 inches. \$1.15 per doz.; \$8 per 100; \$75 per 1000.

**Arethusa.** II. Rich soft yellow flowers of true Cottage form and immense size, on tall, strong stems. A rather new variety and a distinct improvement on the older sorts. Height, 26 inches. \$1.25 per doz.; \$9 per 100; \$85 per 1000.

**Avis Kennicott.** II. A large, bright chrome-yellow flower with long, pointed petals; center rich black and black anthers. Produces a striking effect when open and very graceful when closed. An exceptional garden variety because of its great strength and substance. Height, 24 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Beauty of Bath.** II. Soft rosy lavender bordered pale canary-yellow. A large, oval flower of most delicate and pleasing color. Much better than Fairy Queen. Height, 23 inches. \$1.10 per doz.; \$7.50 per 100.

**Dido.** I. The perfect flower is borne on a strong, straight stem, and its color is rich orange-rose, margined bright orange-yellow; inside bright orange with yellow base. Most unusual and magnificent. Truly a wonderful Tulip. Height, 30 inches. \$1 per doz.; \$7 per 100; \$65 per 1000.

**Ellen Willmott.** II. Lovely shade of soft yellow, deepening as the flower ages. A real Cottage type; flower nicely rounded, with elongated, slightly reflexing petals. Height, 25 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Fairy Queen.** II. Very pleasing shade of rosy heliotrope, with broad margin of soft amber-yellow. The large flower is of perfect form and coloring. Superb in combination with John Ruskin. Height, 20 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Gesneriana Lutea.** II. A large, finely formed, rounded flower of deep golden yellow. Fine among groups of other colors, for the perennial border or among shrubbery. 24 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Grenadier.** II. A long flower with slightly twisting and reflexed petals of a brilliant orange-red; inside of flower even brighter, with yellow center and violet anthers. A most beautiful and graceful flower for the garden. Height, 21 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Inglescombe Pink.** II. Beautiful round flowers of warm rose-pink, tinted salmon-rose, changing to deep rose with age. An old favorite well adapted to the border and late forcing. Height, 24 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Inglescombe Yellow.** III. A very good bright canary-yellow. Large, globular, cup-shaped flowers on strong stems. Ideal for planting among all late Tulips. Height, 22 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.



## COTTAGE TULIPS, continued

**Jeanne Desor.** III. A cross between a Darwin and Cottage. Color a deep orange-yellow with broad border of scarlet toward edge of petal. Large flower carried on tall, strong stem. A very late variety, making it valuable in the border. Height, 30 inches. \$3.75 per doz.; \$25 per 100.

**John Ruskin.** II. Deep salmon-rose, with shadings of lilac and soft lemon-yellow edge; inside lilac, suffused with rose, yellow margin. A fine oval flower of most enchanting color and, although somewhat short of stem, should by no means be neglected in any planting of Cottage Tulips. Height, 18 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Leda.** II. One of the most beautiful pink Hybrid Tulips. Glowing salmon-pink with lighter edge. Long, finely formed flower and good stem. Height, 30 inches. \$1.25 per doz.; \$9 per 100.

**Marjorie Bowen.** II. Beautiful combination of buff and salmon, passing into deep rose-pink with salmon shading. Finely formed flower on stiff stem. Height, 26 inches. \$3.75 per doz.; \$25 per 100.

**Marvel.** II. Salmon-rose, edged yellow; inside old-gold, shading to rose at the base. A long, graceful flower with tapering, wavy petals. An attractive garden Tulip because of its unusual form and is very beautiful when forced. Height, 26 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Moonlight.** I. A soft but bright canary-yellow. Long, oval, exquisitely shaped flowers of good substance. Beautiful in the border among blue iris, or any of the paler blue flowers, and fine for late forcing. Height, 24 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Mrs. Moon.** III. Beautiful, large, urn-shaped flowers with pointed, reflexing petals of very deep golden yellow. A fine type of Cottage Tulip and, unlike Moonlight, should be used with deep blue and purple flowers in the garden. Also fine for forcing. Height, 25 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Picotee.** II. Flower opens white with each petal having a narrow edge of deep rose-pink which gradually spreads over the whole flower as it ages. Very pretty reflexed petals. Height, 24 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Pride of Inglescombe.** III. A true Cottage Tulip with reflexing petals. Pure white, edged carmine-rose; with age the rose suffuses the whole flower. Much better than Picotee. Height, 24 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Rosabella.** I. Beautiful flower of a delightfully soft, warm pink; inside shell-pink, with creamy white base. Nicely shaded blooms on good stout stems. Very attractive wherever seen. Height, 22 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Scarlet Emperor.** II. Brilliant, glowing scarlet with center of clear yellow and black anthers. Very large, long flower, with graceful tapering petals. Height, 24 inches. \$1.50 per doz.; \$10 per 100; \$95 per 1000.

**Sirene.** II. Lovely Lily-flowered type with nicely twisted and reflexed petals of beautiful cerise-pink. A long, urn-shaped flower with a white center, and good stems. Suitable for outdoors or forcing. Height, 26 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**The Fawn.** III. A unique shade of rosy fawn, tinged with silvery dove-gray. Large, egg-shaped flower of much beauty, graceful, and of a really different coloring. Height, 20 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Vesta.** II. Long-stemmed variety with bold, more or less Darwin-shaped flower of purest white, with black filaments. Splendid for early forcing. An outstanding white Tulip in this class. Height, 28 inches. \$1.10 per doz.; \$7.50 per 100; \$70 per 1000.

**Walter T. Ware.** III. The deepest and richest yellow among the Cottage Tulips. A remarkably beautiful globular flower with reflexing petals, and of unusual substance and lasting qualities. Height, 18 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Mixed Cottage.** An assortment of most of the good varieties in this class, containing a nice range of color. Suitable for scattering through the hardy border. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

## WATERER'S SUPERB COTTAGE COLLECTION

In this fine group are several wonderful varieties that have been too expensive to be included in a popular priced collection heretofore. We believe these varieties to be typical of this class and offer an extremely good range of form and color. Do not miss this opportunity to add to your Tulip collection such beautiful varieties as Dido and Rosabella. Made up of the usual **Highest Quality** bulbs from our regular stock.

**Dido**, orange-rose; **Grenadier**, scarlet; **Moonlight**, pale yellow; **Mrs. Moon**, rich yellow; **Picotee**, white with dark pink edge; **Rosabella**, pink.

6 of each ( 36 in all) .. \$2 25	50 of each (300 in all) .. \$14 50
12 of each ( 72 in all) .. 4 00	100 of each (600 in all) .. 28 00
25 of each (150 in all) .. 7 50	



Cottage Tulips, Rosabella





## BREEDER TULIPS

**T**HE Breeders are a race of tall, handsome Tulips, generally of subdued color, including many fine purples, bronzes, dull yellows, browns, old-rose, and mahogany shades. Many varieties in this class are unrivaled for beauty of tone and form, and all of them have a superb elegance of carriage which sets them apart as true aristocrats of the Tulip family.

As a rule, Breeders are a little later than the other varieties, but they may be safely interplanted with

Darwins and Cottages, and require no special attention. Their culture is the same as that accorded to Darwins.

Because the colors are naturally dull and unobtrusive, it is better to plant them where they will receive sunshine either in the morning or late afternoon, which will give them a brilliance otherwise lacking. Almost all Breeders look well when edged with pansies or some similar richly colored flower. The long stems make them particularly valuable for cutting.

**Apricot.** II. A beautiful flower of bronzy buff, overlaid with ruddy apricot; inside base yellow with olive-green halo. Rugged, thick-petaled flowers on tall, erect stems. A real gem in the border. Height, 28 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Bacchus.** II. The richest shade of dark violet-blue, with the bloom of the grape on the outer petals; inside paler shade with white base. A majestic flower of great size and substance and length of stem. Unexcelled as a background for paler-toned subjects. Height, 32 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Bronze Queen.** III. A blending of deep yellow and brown, with touches of rose and bronze. It is a lovely hybrid that can well be used with the dark purple kinds outdoors, and when forced, has a most refined color. Height, 28 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Cardinal Manning.** III. Splendid shade of rosy violet, flushed rosy bronze, the edges of the petals changing to an almost pure orange as the flower ages; base tinged yellow. A very large flower of fine form. Height, 30 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Cherbourg.** II. Brilliant amber-yellow, slightly flushed apricot toward the base. Very large, cup-shaped flower on strong stem. One of the finest Tulips. Height, 30 inches. \$3.75 per doz.; \$25 per 100.

**Coridion.** I. Clear yellow, with stripe of lilac through center of petals—a very distinct color among the Breeders. Effective when combined with dark shades against a green background. Height, 28 inches. \$1.75 per doz.; \$12 per 100.

### WATERER'S PEERLESS BREEDER COLLECTION

A group of Tulips unsurpassed for range of color, length and sturdiness of stem, and size and texture of their huge goblet-shaped flowers. Wonderful planted by themselves against a background of shrubs or evergreens, as well as for use in combination with other varieties of Darwins and Cottage Tulips. No garden should be without such varieties as Louis XIV, Bacchus, and Prince of Orange included in this collection. The usual **Highest Quality** bulbs taken from our regular stock.

**Apricot**, apricot-buff; **Bacchus**, violet-blue; **Bronze Queen**, bronze-yellow; **Dom Pedro**, brown; **Louis XIV**, purple; **Prince of Orange**, terra-cotta.

6 of each ( 36 in all)	\$2 25
12 of each ( 72 in all)	4 00
25 of each (150 in all)	7 50
50 of each (300 in all)	14 50
100 of each (600 in all)	28 00



**BREEDER TULIPS, continued**

**Dom Pedro.** II. A distinct shade of coffee-brown, shaded maroon, with golden brown edge; inside rich mahogany with olive base. Flowers large, fragrant, and very well shaped. Superb outdoors with lighter tones. Height, 26 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Garibaldi.** I. Pale lilac-bronze, with broad margin of soft primrose-yellow. A long, somewhat reflexing flower of superb form. Height, 32 inches. \$2.50 per doz.; \$17.50 per 100.

**Godet Parfait.** II. A superb Tulip of much richness of tone, being a deep blue-purple plum color, tinged with just enough dark reddish purple to give it a distinctive character. The inside of the flower is somewhat paler, with a white base and blue halo. Height, 30 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Golden Bronze.** II. Old-gold, shaded bronze, with flush of heliotrope on outer petals; inside shaded mahogany-brown, passing to gold at tips of petals; yellow base edged olive. Fine outdoors and very good for forcing. Height, 24 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Indian Chief.** I. Reddish mahogany, flushed purple, edged warm brown with age. A huge flower of wonderful form and substance, carried on stiff stem. Height, 32 inches. \$2.50 per doz.; \$17.50 per 100.

**Jaune d'Œuf.** II. Deep chrome-yellow, with broad stripe of lilac on outer petals; inside golden bronze, with large dark apple-green base. A large, well-formed flower on tall stem, for outdoors or forcing. Height, 28 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Louis XIV.** II. An even tone of rich dark purple with a broad margin of golden bronze. A real monarch among Tulips, bearing immense, globular, scented flowers on tall, erect stems. Combines well with other purples, lavenders, and yellows in the border, and a superb variety for forcing. Height, 32 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Lucifer.** III. Dark orange, with rosy bloom and orange-scarlet edge; inside scarlet-orange, with yellow base and olive halo. A glorious color outdoors, particularly contrasted with purple or blended with yellow, lavender, and mauve. Height, 28 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Marechal Victor.** II. Pale lavender-violet, with broad edge of buff shaded bronze; inside violet, flushed mahogany, with beautiful green base. An unusual color combination and exceedingly attractive. Height, 28 inches. \$3.75 per doz.; \$25 per 100.

**Marie Louise.** II. A very richly colored flower—old-rose, flushed orange-salmon, edged orange and bronze. Not a giant of this class, but highly valuable because of its lovely coloring and beauty of form. Height, 24 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Panorama.** II. An even, deep shade of orange-mahogany or terra-cotta. A superbly shaped flower of real goblet-like form. Should perhaps be planted alone or with orange and bright yellow varieties. A fine variety for early forcing. Height, 26 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Prince of Orange.** II. Warm terra-cotta, edged orange-yellow, with yellow center starred black. A showy flower of those colors found only in the Breeder Tulips. Height, 26 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Velvet King.** II. Immense flowers of rich deep royal-purple, held erect on tall, stout stiff, stems and lasting in good condition for a long time. A superb garden variety. Height, 26 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Vulcain.** I. Reddish apricot, broadly edged buff-yellow; inside dark apricot, edged yellow; dark green base, starred yellow. A large, beautifully shaped flower of unusual color rivaling the famous Ambrosia and other new varieties of that class. One of the most delicate of Breeders when forced. Height, 26 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Mixed Breeders.** All colors, making a fine display and good for cutting. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

## WATERER'S PASTEL TULIP COLLECTION

Consists of ten lovely varieties of softer shades and more delicate coloring. Coming from the three groups of May-flowering Tulips, they will all bloom at the same time and afford a great variety of form and color. Lacking the brilliant red shades, they are ideally suitable for planting in clumps in the hardy border and should look extremely well with the perennials in bloom at that time. Planted altogether in a massed effect, they will blend together and create a most delightful picture. Made up of the usual **Highest Quality** bulbs from our regular stock.

**Afterglow.** (Darwin.) Rose and tan.

**Bronze Queen.** (Breeder.) Bronze.

**Cardinal Manning.** (Breeder.) Violet-rose.

**Dream.** (Darwin.) Pale lavender.

**Ellen Willmott.** (Cottage.) Pale yellow.

**Fairy Queen.** (Cottage.) Heliotrope and yellow.

**Flamingo.** (Darwin.) Flesh-pink.

**Gesneriana Lutea.** (Cottage.) Deep yellow.

**Princess Elizabeth.** (Darwin.) Rose-pink.

**Zwanenburg.** (Darwin.) Pure white.

6 of each ( 60 ) . . . . .	\$3 00	50 of each ( 500 ) . . . . .	\$22 00
12 of each (120) . . . . .	5 75	100 of each (1000) . . . . .	43 00
25 of each (250) . . . . .	11 25		



Breeder Tulips, Coridion





Border of Keizerkroon Tulips

## EARLY TULIPS

**B**ECAUSE of their brilliant colors and early blooming, the Early Tulips hold a high place in the estimation of good gardeners. They come into bloom in early April with a riot of gay color, supplementing the yellow and white of narcissus with a rainbow of shimmering pinks, scarlets, violets, deep golden yellows, and apricot-tinted flowers. The stems are much shorter

than the later Tulips, although some of the finer varieties reach 15 to 18 inches high.

But one of the most valuable points about the Early Tulips is that they quickly mature after flowering, so that the bed can be planted with annuals and give a good second display before the summer is too far advanced.

### Single Early Tulips

**Belle Alliance.** II. Large, brilliant scarlet flower with white center. Excellent for bedding or late forcing. Height, 12 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Brilliant Star.** I. Color, brilliant vermilion-scarlet, with a black center, starred yellow. Flowers for Christmas if potted before the middle of October. Height, 12 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Chrysolora.** I. Large, globular flower of clear golden yellow. A fine bedding variety and good for early forcing. Height, 12 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Couleur Cardinal.** III. Rich crimson with a purple bloom on outside of petals. For bedding and a late forcer. Height, 13 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**De Wet.** II. Large, globular flowers with broad, somewhat wavy and irregularly shaped petals of deep yellow, flushed and striped fiery orange-scarlet. A most lovely orange when forced. Height, 16 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Diadem.** I. A very large flower of an unusual color in early Tulips. Opens soft pale, old-rose, changing to salmon-pink shaded pale rose as the flower ages; inside deeper, with white base starred yellow. Height, 16 inches. \$1.75 per doz.; \$12 per 100.

**Fortuna.** I. Large, oval flower on tall stem. Silvery satiny rose, shaded fawn. Very beautiful and one of the earliest to force. Height, 16 inches. \$1.50 per doz.; \$10 per 100.

**Fred Moore.** I. A fine orange-yellow, sweet-scented flower. An early forcer and an effective bedding variety. Height, 15 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Ibis.** I. Deep, brilliant pink, shaded carmine; edges of petals bordered and feathered with white. A large, handsome flower, superb for bedding, and a good medium-early forcer. Height, 13 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Joost Van den Vondel White.** I. Long, very large, pure white flowers, with petals gracefully tapered. The center of the flower is yellow, adding much to its beauty. Fine for early forcing. Height, 14 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Keizerkroon.** I. Bright crimson-scarlet, bordered with clear rich yellow. A most popular and distinct variety. Excellent for bedding and forcing. Height, 16 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Le Reve.** III. Deep old-rose, flushed and shaded with buff. Large, globular flower of great beauty and charm. Almost the last in this group to bloom and lovely when forced late. 13 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Mon Tresor.** I. A large, rather irregularly shaped flower of golden yellow. Can be forced for Christmas if potted before the middle of October. Height, 13 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Moonbeam.** II. Deep primrose-yellow, shading to soft canary at the edges. Large, graceful flower of open form and of that pleasing softness of tone lacking in most early yellow Tulips. Height, 14 inches. \$1.50 per doz.; \$10 per 100; \$95 per 1000.



## SINGLE EARLY TULIPS, continued

**Pink Beauty.** II. Glowing rose-pink, irregularly flushed with white. Its tall, straight stem and fine color makes it unequalled for beds, and it is excellent when forced late. Height, 13 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Pink Delight.** II. The large, globular flowers are deep rosy pink. Equal to Pink Beauty in size, but much brighter. Sturdy stems. Blooms with other early Tulips, about mid-season. An outstanding rose Tulip. Height, 11 inches. \$1.15 per doz.; \$8 per 100; \$75 per 1000.

**President Lincoln.** I. Clear magenta-violet. A planting of this with the pale yellow variety, Moonbeam, would be very lovely. Height, 12 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Prince of Austria.** I. A brilliant orange-red, with yellow center. Unsurpassed for either early or late forcing. Height, 14 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Proserpine.** I. Brilliant carmine-rose with white center marked blue. Can be forced for Christmas if potted before middle of October. Height, 14 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Rising Sun.** II. Very deep golden yellow flowers of great beauty. Large, with long, tapering petals of perfect form. Cannot be forced early. Height, 16 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Rose Luisante.** III. The petals on opening are white, but with a large area of beautiful rose-pink at the tip-end, which gradually spreads and suffuses almost the whole petal. Exceptionally good for forcing. Height, 11 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Van der Neer.** I. A very beautiful shade of deep violet-purple, and a wonderful color outdoors, combined with deep yellow. Good midseason forcer. Height, 12 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**White Hawk (Albion).** I. Pure white. A superb bedding variety and fine forcer, lasting in good condition for a long time. Height, 13 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Yellow Prince.** I. A bright yellow, sweet-scented Tulip. Splendid bedding variety and fine for early or late forcing. Height, 13 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Single Early Mixed.** All colors. 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.

## Double Early Tulips

**Crown of Gold.** I. Large, very rich golden yellow flower, shaded orange. A splendid bedding variety and excellent for forcing. Height, 13 inches. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Golden Giant.** I. Pure yellow sport of Couronne d'Or. Very large flower suitable for either forcing or bedding. Height, 13 inches. \$1.75 per doz.; \$12 per 100.

**Marechal Niel.** II. A new variety of a distinct soft yellow color flushed orange. The mellow, rich tones of this flower make it an outstanding subject for garden or exhibition. One of the best. Height, 12 inches. \$2.25 per doz.; \$15 per 100.

**Mr. Van der Hoef.** II. A superb golden yellow variety. Large, full flower. A grand bedder and fine forcer. Height, 13 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Murillo.** II. Delicate rose-pink, flushed white. An excellent bedding variety and one of the easiest Tulips to force, although not early. Height, 12 inches. 65 cts. per doz.; \$4 per 100; \$37.50 per 1000.

**Orange Nassau.** II. An orange-red flower of the Murillo type. Showy and unique color. Fine all-round variety and best in this color class. Height, 12 inches. \$1 per doz.; \$7 per 100.

## DOUBLE EARLY TULIPS, continued

**Peach Blossom.** II. Bright rose-pink, flushed white, deepening with age to carmine-rose. Excellent for forcing. Height, 12 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Queen of Pinks.** II. Beautiful deep rose-pink. Fine large flowers. Excellent forcer and bedder. Height, 14 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Schoonoord.** II. Snow-white sport of Murillo. Fine full flowers. The finest white double Tulip, for either bedding or forcing. Height, 12 inches. 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Tearose.** I. Fine flower of soft pale yellow, flushed salmon. A distinct shade outdoors and a delightful color when forced. Height, 12 inches. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Toreador.** I. Bright orange-scarlet, broadly margined buff-yellow. Large flower and an extra-good forcer. Height, 13 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Triumphator.** II. A beautiful Tulip of bright delicate pink color. An excellent forcer and is extremely fine when grown under glass. Height, 12 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Double Tulips Mixed.** All colors. 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.



Parrot  
Tulip,  
Fantasy

## PARROT TULIPS

## Late-flowering

Quaintly shaped flowers, borne on long stems, remain in good condition for a long time after being cut. Parrot Tulips are large, of striking colors, and grow 14 to 15 inches high.

**Fantasy.** A wonderful Tulip. Clear rose-pink with apple-green marks and spots on outside of petals; base white, with black anthers. A mutation from the well-known Clara Butt. The large, erect flowers are borne on a stiff stem. Height, 24 inches. \$2.25 per doz.; \$15 per 100.

**Admiral of Constantinople.** Dark red, shaded and tipped orange. 80 cts. per doz.; \$5.50 per 100.

**Cramoisi Brillant.** Brilliant crimson. 80 cts. per doz.; \$5.50 per 100.

**Lutea Major.** Yellow, striped crimson and green. 80 cts. per doz.; \$5.50 per 100.

**Markgraaf Van Baden.** Golden inside, feathered brilliant scarlet; purple and green outside. 80 cts. per doz.; \$5.50 per 100.

**Perfecta.** Yellow, scarlet, and green. 80 cts. per doz.; \$5.50 per 100.

**Finest Mixed.** All colors. 75 cts. per doz.; \$5 per 100.



Rembrandt  
Tulips

## NOVELTY TULIPS

**Sundew.** II. Large, well-formed flowers of a striking bright red color, the edges of the petals fringed and lacinated in the most attractive manner. The long stems and robust habit of growth make it very suitable for any outdoor purpose, and it is well adapted to forcing and is highly recommended for that purpose. Height, 26 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Monsieur Mottet.** Instead of producing one flower to a stem as other Tulips do, this variety carries from 4 to 6 ivory-white blooms, all open at one time. The result is a unique garden variety. Height, 24 inches. 85 cts. per doz.; \$6 per 100.

**Madame Mottet.** Same as Monsieur Mottet, except that color is a purplish rose and flowers are slightly stronger, but as many to the stem. Very pretty. Height, 24 inches. \$1.25 per doz.; \$9 per 100.

## REMBRANDT TULIPS

**Apollo.** II. Rosy violet, striped and feathered bright maroon, occasionally flaked white. 90 cts. per doz.; \$6.50 per 100.

**Butterfly.** III. Soft lilac, striped deep carmine. 90 cts. per doz.; \$6.50 per 100.

**La Coquette.** II. Violet, flamed dark purple and white. Very showy and attractive. 90 cts. per doz.; \$6.50 per 100.

**Purity.** I. A lovely combination of white, straw-yellow, and lavender. 90 cts. per doz.; \$6.50 per 100.

**Red Prince.** II. White flames and feathers on cherry-rose petals. 90 cts. per doz.; \$6.50 per 100.

**Zenobia.** II. White ground flushed lilac and striped velvety maroon. 90 cts. per doz.; \$6.50 per 100.

**Choice Mixed Varieties.** All colors. 85 cts. per doz.; \$6 per 100.

## SPECIES TULIPS

A race of small, dainty-flowered, dwarf-growing Tulips of western Europe and Asiatic origin. Rare and beautiful flowers for the rock-garden or for naturalizing in nooks and corners among the shrubbery or perennial border. Some varieties do not always take kindly to new surroundings and must have proper conditions before they will be entirely satisfactory, but a little care and thought will readily overcome that obstacle.

Late April-flowering, except where noted

**Acuminata (cornuta stenopetala).** Very narrow scarlet and gold petals tapering to a thread-like point. Erect, wiry stem. Very unique and interesting. Height, 15 inches. \$1.50 per doz.; \$10 per 100; \$95 per 1000.

**Clusiana.** The "Little Lady" Tulip. A variety from Asia Minor. Outer petals cherry-red, inner petals white with violet. This variety may be used for late forcing or when grown outdoors should be planted 6 inches deep. Grows about 8 inches high and naturalizes readily. \$1 per doz.; \$7 per 100; \$65 per 1000.

**Eichleri.** (Turkestan.) Vivid orange-scarlet flower with glittering black base, edged with a narrow yellow border. Dwarf stems. Lily-shaped flowers. Dazzling. Height, 11 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Greigi.** (Europe.) Glittering orange-scarlet, with black-blotched center. Foliage is spotted maroon. Likes a hot, dry situation with good drainage. Very scarce. Height, 10 inches. \$2.25 per doz.; \$16 per 100.

**Kaufmanniana.** (Turkestan.) Primrose-yellow with golden yellow center; outside pink. Flowers open wide on short stem. Splendid for naturalizing in shady places and for forcing. Blooms early in April. Height, 5 inches. 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Marjoletti.** (Savoy.) Small, soft primrose flower, shaded carmine-rose at base. Blooms in early May. Height, 12 inches. \$1 per doz.; \$7 per 100; \$65 per 1000.

**Sylvestris (florentina odorata).** (Europe.) Fragrant yellow flowers with bronze exterior, often two on a tall, slender stem. Very free flowering when established. Height, 18 inches. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

## BYBLOEMEN TULIPS

Magnificent late May-flowering garden Tulips, with white ground and beautiful stripes and markings of crimson, scarlet, rose, and lilac, violet and purple.

**Choice Mixed Rose Byblœmens.** 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

**Choice Mixed Violet Byblœmens.** 90 cts. per doz.; \$6.50 per 100; \$60 per 1000.

## BIZARRE TULIPS

**Black Boy.** II. Dark mahogany-purple, overlaid with violet and chrome-yellow. \$1.10 per doz.; \$7.50 per 100.

**Emperor.** II. Golden yellow, overlaid and streaked with brown flames. \$1.15 per doz.; \$8 per 100.

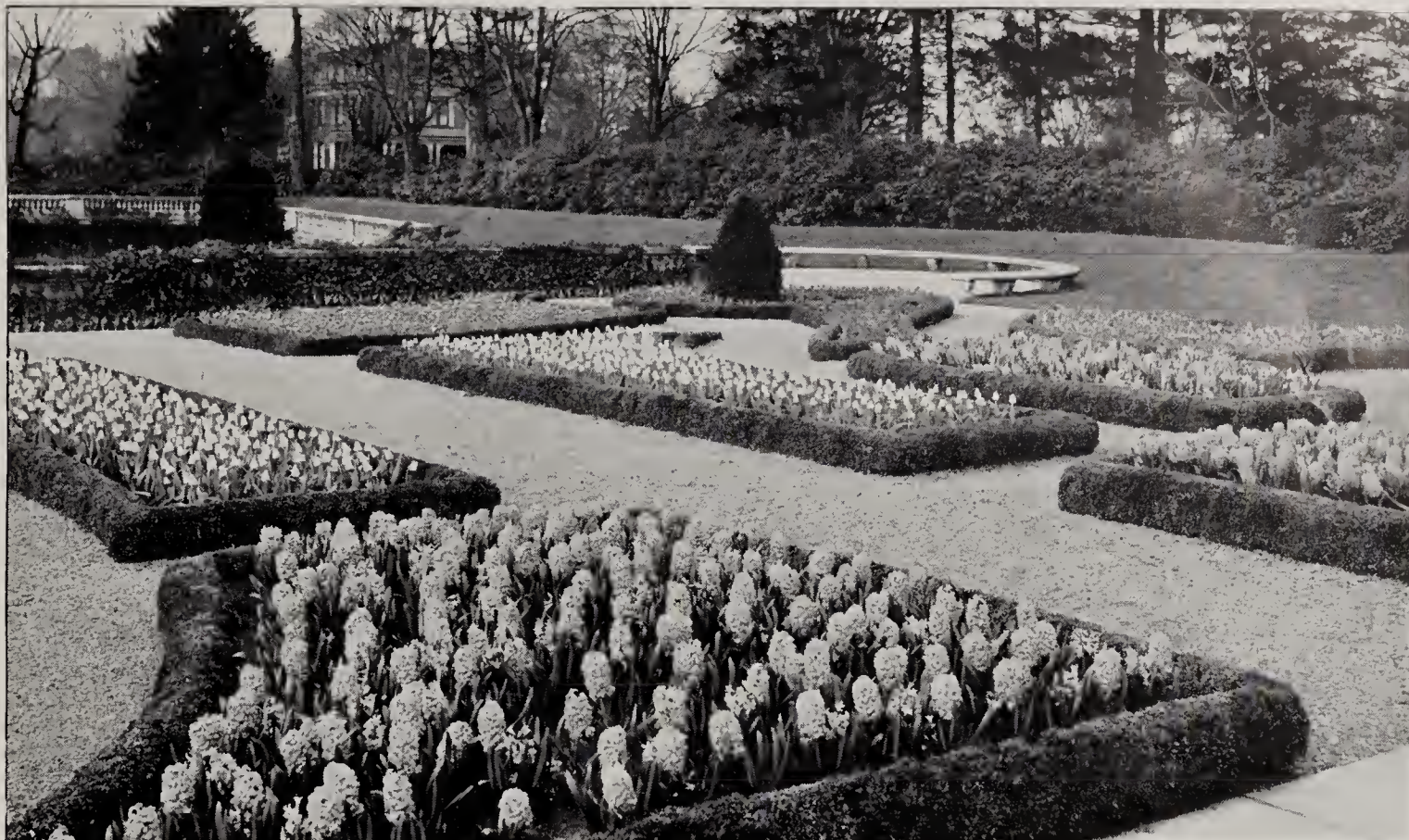
**Insulinde.** II. Deep purple flakes on creamy ground. \$1.25 per doz.; \$9 per 100.

**L'Union.** III. Yellow ground, heavily flamed and striped maroon. \$1 per doz.; \$7 per 100.

**Choice Mixed Varieties.** All colors. 85 cts. per doz.; \$6 per 100.

Many firms are stressing low prices—we advocate  
HIGHEST QUALITY at the right price





## HYACINTHS

**H**YACINTHS are chiefly used for winter flowering. The large bulbs are potted, one or three to the pot, in rich soil and stored in coldframes or in a cool, dark cellar for six to seven weeks, until the pots are well filled with roots. Then they may be brought to a window in a cool room and gradually brought into flower within several weeks. A succession of beautiful blooms may be had in this way from Christmas on. But, as a rule, they are best if brought into flower about Easter-time. They may also be bloomed in water using special glasses supplied for that purpose.

Hyacinths are also again becoming popular for bedding outdoors, particularly for supplying certain colors which are lacking in the narcissus and early tulips—blues, lavenders, etc. Because of their fragrance and early blooming, they are greatly to be desired in the garden, and will usually bloom if they are left in the

ground, although the second year's bloom is not nearly so tall or so profuse as the bloom from the virgin bulbs. After they have been in the ground several years, the bulbs break up and produce a half-dozen or more slender sprays with very graceful flowers. In fact, some good gardeners like the Hyacinths better when they have been in the ground three or four years than the first year after planting.

Hyacinths are extremely hardy and are seldom damaged by hard freezing. They may be planted with safety in almost any climate, their only requirement being good drainage beneath the bulb to prevent them from rotting during the winter.

When grown outdoors, they look better when planted in small clumps than in large masses. A particularly good combination is a light blue Hyacinth with pale yellow narcissus and a few bright orange tulips.

## NOVELTIES IN EXHIBITION HYACINTHS

(THESE CANNOT BE SUPPLIED IN SMALLER SIZED BULBS)

**King of Lilacs.** III. A new introduction of true lilac color, producing large trusses, thickly set with fine bells. For forcing or bedding.

**Mr. Dames.** I. A new variety showing salmon tints in its fine deep rose color. Large flower on strong, sturdy stem. Very early, either forced or in the garden.

**Royal Scarlet.** II. A medium-sized spike of fiery scarlet flowers. It makes up for its lack of size by its brilliancy.

**Orange Boven (Sunburst).** III. Beautiful, dainty flower of a reddish apricot-orange color. Not a large flower, but because of its unique color very desirable as a pot-grown subject for decoration in the home. Highly recommended.

**Perfecta.** II. This light blue variety shows improvement over older sorts in clearness of color, size of flower, and sturdiness of stem. Well worth trying for exhibition. Medium season.

Any of the above, 30 cts. each; \$3 per doz.; \$20 per 100



## GIANT EXHIBITION AND EXTRA-SELECTED FIRST-SIZE HYACINTHS

We wish to make it clear that we are listing our Giant Exhibition and Extra-selected First-size bulbs together simply for your convenience in choosing varieties. The Exhibition bulbs are, of course, the largest we can possibly

procure in each variety, while the First-size bulbs are of a more uniform, smaller size, but still a good big bulb. The difference in price is simply a matter of size. For best flowers use largest bulbs.

Giant Exhibition Bulbs .....\$2.25 per doz.; \$15 per 100  
Extra-selected First-size Bulbs .....\$1.75 per doz.; \$12 per 100

### Rose and Pink

**General de Wet.** II. A sport of Grand Maitre. Strong spike and stem with large bells of a soft light pink. Very good for pots or bedding.

**Gertrude.** I. Deep rose-pink; compact spike on good stems. A very fine forcing variety and makes a good bedder.

**La Victoire.** I. Bright, glistening, deep carmine-rose; very fine spike. Extra good for exhibition, although when forced it is somewhat paler color than when grown outdoors.

**Lady Derby.** I. Clear rose-pink, with large bells and compact trusses. A splendid early forcer, and because of its strong stems, a grand bedder. One of the best pink Hyacinths.

**Marconi.** II. Bright deep rose; short, broad trusses, borne on stiff stems. A very good forcing variety but particularly fine for bedding.

**Queen of the Pinks.** III. Lovely rose-pink; broad, large truss, good-sized bells, and strong stem. A sport of King of the Blues, with all its good qualities. Excellent for late forcing and bedding.

### White

**La Grandesse.** III. Large, pure waxy white bells, forming a long, full spike of perfect form. Good for late forcing and bedding.

**L'Innocence.** I. The best pure white Hyacinth for all purposes. Fine large truss and bells. Forces easily and makes a grand bedder.

**Queen of the Whites.** III. A pure white sport of Queen of the Blues, and having, of course, the same good qualities. Recommended for late forcing as well as for outdoors.

### Blue and Purple

**Captain Boynton.** II. Porcelain-blue, with darker shading, making really a sky-blue. The large bells form a fine, well-filled spike.

**Czar Peter.** I. Light lavender-blue, tinted with porcelain. Splendid large spike with waxy bells. One of the best but rather scarce.

**Enchantress.** II. Pale porcelain-blue, tinted lilac with lighter center. Unusually long, handsome spike, thickly set with large bells. A lovely variety for exhibition.

**Grand Maitre.** II. Dark lavender-blue, its large bells forming a long, well-filled truss on an unusually strong stem. Equally good for either forcing or bedding.

**King of the Blues.** III. A splendid bright dark blue variety, having fine large spike and bells. Unequaled for late forcing and bedding.

**Queen of the Blues.** III. Clear light porcelain-blue. The bells are medium size, but form a fine, large, thickly set truss on a strong stem. For bedding and exhibition.

**Schotel.** I. Soft light blue; very long and perfect truss and large bells. Extremely good for early flowers as it forces easily. Also splendid for beds.

### Yellow and Orange

**City of Haarlem.** II. Pure golden yellow; large, well-formed truss on a good stem, making it a valuable exhibition variety. The best yellow for all purposes.

**Prince Hendrick.** III. Beautiful clear soft yellow; fine truss and large bells. The best yellow for early forcing.

**Yellow Hammer.** I. Large bells of a lovely shade of yellow, forming a nice, compact truss. An excellent early variety for pot culture.

## BEDDING HYACINTHS

The following classes of Hyacinths are mostly the same varieties as listed in our Exhibition bulbs and have, of course, the same fine qualities, but are in smaller size bulbs, for

reasons of economy and utility. They are best suited for growing in quantity in pots or pans where the largest flowers are not desired, or for outdoor planting.

### Second Size or Named Bedding Hyacinths

#### Red and Pink

**General de Wet.** Light pink.

**Gertrude.** Deep rose-pink.

**La Victoire.** Carmine-rose.

**Queen of the Pinks.** Rose-pink.

**Roi des Belges.** Crimson-scarlet.

#### White

**La Grandesse.** Pure white.

**L'Innocence.** Pure white.

**Queen of the Whites.** Pure white.

#### Blue

**Grand Maitre.** Fine lavender-blue.

**King of the Blues.** Dark blue.

**Queen of the Blues.** Porcelain-blue.

#### Yellow

**City of Haarlem.** Pure yellow.

#### Mixed

Made up of the above named varieties.

### Special Unnamed Bedding Hyacinths

Red Shades

Rose and Pink Shades

Pure White

Light Blue Shades

Dark Blue Shades

Yellow Shades

All Colors, Mixed

Any of above Unnamed Hyacinths, 85 cts. per doz.; \$6 per 100; \$55 per 1000

Any of above Hyacinths, \$1.15 per doz.; \$8 per 100; \$75 per 1000



AN INTRODUCTION OF REAL IMPORTANCE

# The Blue Roman Hyacinth, Virginia



**Virginia will bloom for Christmas**, coming at a time when flowers are scarcest in the greenhouse. If not required at that time, it may be grown cool and flowered when wanted. This year we had some very fine pans on exhibition at our spring flower show in March. It is impossible to describe or say too much about this Hyacinth. We feel it is really one of the finest introductions in recent years. During the past three seasons we have distributed a few bulbs, but have not been in a position to offer any large amount. This year, we are able to offer these bulbs in sufficient quantity so that they may be more generally known.

**Mammoth bulbs** ..... \$2.50 per doz.; \$17.50 per 100  
**Monster bulbs** ..... \$3.25 per doz.; \$22.50 per 100

## Miniature or Dutch Roman Hyacinths

These are small, single-flowering Dutch Hyacinths and quite distinct from the French Romans. They are simply younger bulbs and do not throw the large, fully developed spike of the large bulbs. The stem is not quite so tall, and the flower-bells are arranged more loosely thereon, making not so dense a spike but a much more graceful one.

<b>Cardinal Manning.</b> Red.	<b>La Grandesse.</b> Pure white.
<b>Gertrude.</b> Dark pink.	<b>L'Innocence.</b> Pure white.
<b>Gigantea.</b> Light rose.	<b>Nimrod.</b> Deep rose.
<b>Grand Maitre.</b> Blue.	<b>Queen of the Blues.</b>
<b>King of the Blues.</b>	<b>Yellow Hammer.</b> Yellow.

Any of above, 80 cts. per doz.; \$5.50 per 100; \$50 per 1000

This Blue Roman Hyacinth, Virginia, which has been successfully grown for the last few years, comes from France. It is a cross between the Dutch Hyacinth, Captain Boynton, which is one of the very finest of porcelain blues, and one of the strongest growers, and the White French Hyacinth, from which it receives its daintiness and earliness of bloom. Virginia has much larger bells, and the stem is longer than the White Roman. It will produce two or three perfect flower-spikes to the bulb. These do not appear together, but are successive in their bloom, thereby supplying flowers from the same planting over a long period of time.

## Early French White Roman Hyacinths

The flowers are delightfully fragrant, and each bulb will throw up three to four spikes. For forcing, three or four bulbs are generally planted in a 5-inch pot in September, in good soil or fiber. The pots must be kept in a cool, dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

**Mammoth bulbs, XXX.** \$1.85 per doz.; \$13 per 100.

**Extra-selected bulbs, XXXX.** \$2.25 per doz.; \$15 per 100









Grape Hyacinths



Fritillaria meleagris



Scilla sibirica



Bulbs growing in the Rock-Garden



Chionodoxa



Snowdrops



Ornithogalum

CALOCHORTUS. See page 25.  
*Venus citrinus*. Rich yellow; black center.  
*Vesta*. White, flushed lilac; rosy red center.

CHIONODOXA. See page 25.  
*Luciliae*. Bright blue.  
*Sardensis*. Dark blue.  
*Gigantea*. Soft blue.

CROCUS. See page 24.  
*Golden Yellow*.  
*Grand Lilas*. Large; true lilac color.  
*Julia Kulp*. Purple with pale edges.  
*Kathleen Parlow*. White; deep orange anthers.  
*King of the Whites*. Large; white.  
*Lothair*. Purple stripes on white ground.  
*Maximilian*. Lavender.  
*Pallas*. White ground with lilac stripes.  
*Purpurea grandiflora*. Large; purple.  
*Remembrance*. Large; lavender.

#### CROCUS SPECIES.

Winter- and Spring-flowering—  
*Biflorus* (Scotch Crocus). White and lilac.  
*Imperati*. Lilac and silvery gray.  
*Sieberi*. Pale lilac. Orange stigmata.  
*Tomasinianus*. Pale lavender-blue.  
*Susianus* (Cloth of Gold). Golden yellow and brown.  
*Versicolor* (Cloth of Silver). White striped purple.

#### Late Summer- and Fall-flowering Crocus

*Asturicus*. Pale mauve and purple-lilac.  
*Iridiflorus*. Purple-violet and pale lilac.  
*Nudiflorus*. Large; rich clear purple.  
*Ochroleucus*. Creamy white; orange center.  
*Pulchellus*. Lavender-blue; orange-spotted center.  
*Salzmanii*. Light violet feathered darker.  
*Sativus*. Large; purple-lilac.  
*Speciosus*. Violet-blue; light yellow center.  
*Speciosus albus*. Pure white.  
*Speciosus aitchisonii*. Light blue; very large.  
*Speciosus globosus*. Large; dark blue.  
*Zonatus*. Rose-lilac; yellow center.

ERANTHIS. See page 26.  
*Hyemalis*. Bright gold.  
ERYTHRONIUM (Dog's-Tooth Violet). See page 26.

*Californicum*. Cream colored.  
*Grandiflorum robustum*. Bright yellow.  
*Hendersoni*. Purple; maroon centers.  
*Johnsoni*. Rose-pink.

FRITILLARIA. See page 27.  
*Meleagris*. White and purple.

HYACINTHS.  
*Orange Boven*. Reddish apricot-orange.  
*Royal Scarlet*. Fiery scarlet.  
*Nimrod*. Deep rose.

#### Waterer's SELECTED Rock-Garden Collection

Similar to our Special Collection except the items included are the rare and more choice varieties of each species. Such flowers as *Tulipa Greigi*, *Crocus nudiflorus*, and *Narcissus*, W. P. Milner are outstanding varieties and should not be excluded from the rock-garden. Made up of the Highest Quality bulbs from our own stock.

Chionodoxa gigantea	Muscari, Heavenly Blue	Snowdrop, Single
Crocus nudiflorus	Narcissus, W. P. Milner	Tulipa Greigi
Crocus imperati	Scilla sibirica	
6 bulbs of each (48 in all) \$4.25	12 bulbs of each (96 in all) \$8.00	
25 bulbs of each (200 in all) \$15.00		

## Bulbous Flowers for the Spring Rock-Garden

THE spring garden depends to a large extent upon the bloom produced from bulbs planted the autumn before. This is particularly true of the rock-garden, where brilliant spring color is very much desired as early as possible. The showy flowers of the same early bulbs are particularly effective against the rocks and the variously colored foliage of the low evergreen shrubs and perennials which are the chief denizens of the rock-garden.

No color is missing in the many varieties of Tulips, Narcissus, Scillas, Hyacinths, and other delightful early spring flowers which may be used to adorn the rock-garden. Charming color-effects may be achieved by planting quantities of bulbs of one variety to produce either small spots of color or wide sheets of bloom. A small clump of *Tulipa Greigi* shows to great advantage against the evergreen foliage of a Mugho Pine. The various yellow shades of Narcissus species and miniature varieties look particularly well against a dark rock or near a mass of one of the bronzy Sedums. Miniature cascades and water-falls can be made of the rippling blue masses of Scillas, and the same delightful bulb may be tucked into any of the chinks or in the cracks of the rocks where its brilliant blue flowers elevate the garden from an earthly commonplaceness to a bit of paradise.

All of the bulbs described on these two pages, while particularly adapted to rock-garden use, are equally valuable for ordinary garden decoration, and if there is no opportunity to use them in the rock-garden, they are just as attractive tucked in back of perennials, in front of evergreens, or in any odd corner which may be available. Because they bloom so early and quickly disappear after flowering, they take up practically no space at all, as the ground which they occupy may be planted to annuals or covered by late summer growth of near-by perennials. We recommend all of these charming bulbs very highly.

LEUCOJUM (Snowflake). See page 28.  
*Vernum*. White-flower-tipped with green.

LILIUM (Lilies). See pages 22 to 23.  
*Elegans*, Leonard Joerg. Brilliant orange.  
*Elegans atrosanguineum*. Darker than Leonard Joerg.  
*Grayi*. Red flowers, spotted maroon.  
*Rubellum*. Rose-pink.  
*Tenuifolium*. Rich scarlet.  
*Umbellatum grandiflorum*. Orange-red.  
*Umbellatum erectum*. Red.

MUSCARI (Grape Hyacinth). See page 27.  
*Heavenly Blue*. Sky-blue.  
*Blue*.  
*White*.

NARCISSUS. See page 20.  
*Argent*. Creamy white petals; yellow centers.  
*Bulbocodium*. Bright yellow; oddly shaped.  
*Cervantes*. Yellow Trumpet.  
*Cyclamineus*. Pure yellow.  
*Minimus*. Brilliant yellow.  
*Recurvus*. Sometimes called "Pheasant's Eye."  
*The Pearl*. White; sulphur-white center.  
*Triandrus albus* (Angel's Tears). White.  
W. P. Milner. A miniature Trumpet Daffodil of sulphury white.

JONQUILS. See page 21.  
*Campernelle giganteus*. Deep golden yellow.  
*Campernelle rugulosus*. Large; rich yellow.  
*Campernelle plenus*. The double Jonquil.  
*Single Sweet-scented*. Rich butter-yellow.

ORNITHOGALUM. See page 28.  
*Umbellatum* (Star of Bethlehem). White.

SCILLA. See page 29.  
*Sibirica*. Brilliant blue.  
*Campanulata*. White, Blue, Pink.  
*Nutans*. Dark violet-blue.

SNOWDROPS. See page 29.  
*Single White*.  
*Double White*.

#### Tulip Species

Almost all the Tulip species enjoy rock-garden conditions. See page 12.

*Acuminata*. Scarlet and gold.  
*Clusiana*. Outer petals cherry-red; inner petals white with violet.  
*Eichleri*. Orange-scarlet; black base.  
*Greigi*. Orange-scarlet; black-blotched center.  
*Kaufmanniana*. Primrose-yellow.  
*Marjoletti*. Primrose, shaded carmine-rose.  
*Sylvestris*. Yellow, with bronze exterior.

#### Waterer's SPECIAL Rock-Garden Collection

A group of fine subjects for the rockery in popular-priced varieties. Mostly early spring-blooming, except the fall-flowering crocuses. If planted beneath the low, spreading plants in the rock-garden, they will push up through the covering thus afforded and put forth their blossoms first, before any but the very earliest-flowering plants are out. Made up of the usual Highest Quality bulbs from our regular stock.

Chionodoxa Luciliae	Jonquil Campernelle Rugulosus	Snowdrops, Single
Crocus zonatus	Muscari, Heavenly Blue	Tulipa Eichleri
Crocus tomasinianus	Scilla sibirica	
6 bulbs of each (48 in all) \$2.00	12 bulbs of each (96 in all) \$3.75	
25 bulbs of each (200 in all) \$7.00		

#### FOR DESCRIPTIONS AND PRICES, SEE PAGE REFERENCES FOLLOWING VARIETIES



Narcissus minimus



Tulipa Greigi



Tulipa Eichleri



Tulipa Kaufmanniana



Tulipa Clusiana



Narcissus bulbocodium





## NARCISSI

ONE of the finest things that can be done with a piece of open, waste land is to plant it broadcast with hundreds of *Narcissus* bulbs. While they will not endure complete shade, any open, semi-shaded area will suit them, and they will riot with the utmost freedom in a sloping meadow, particularly at the sides of streams or small lakes.

When *Narcissi* are to be naturalized, they should not be planted in regular rows or at even distances apart. The best thing is to carry a basket of bulbs over the

ground, spilling them irregularly and planting the bulbs where they fall. It will take several years to achieve the full value of a naturalistic planting, and the *Narcissi* should be left entirely undisturbed during that period. The foliage should never be cut off, but allowed to ripen and wither away naturally.

If the ground is fairly moist and shady, an inter-planting of *mertensia* is extremely effective, and the new *Anchusa myosotidiflora* is also a very beautiful plant to combine with naturalizing *Narcissi*.

### MIXTURE FOR NATURALIZING

An excellent mixture, containing the best varieties of the following types: *Barrii*, *Leedsii*, *Incomparabilis*, *Poeticus*, *Poetaz*, and *Trumpet*. \$6.50 per 100; \$60 per 1000.

## LARGE TRUMPET NARCISSI

This class, commonly called Daffodils, is distinguished by the large, bold flowers and long trumpets. They are divided into three groups: Those having both trumpet and perianth yellow; those being all white; and the Bicolors, which have yellow trumpets and white perianths.

***Æolus*.** Snow-white perianth; large yellow trumpet with beautifully frilled and recurved brim. As far as we know, this is the largest, most perfect Bicolor in existence today. Its colors are pure and its dimensions strikingly symmetrical. \$6.50 per doz.; \$45 per 100.

***Cervantes*.** A very early variety. Perianth clear sulphur; trumpet yellow and nicely frilled. \$1.50 per doz.; \$10 per 100.

***Cleopatra*.** Very broad, yellow, imbricated perianth and long, deep yellow trumpet. Splendid large flower and much better than *Emperor*. Fine for all purposes. \$2.50 per doz.; \$17.50 per 100.

***Glory of Sassenheim*.** Beautiful large Bicolor. An enlarged *Victoria*. Very early foreer. \$1.85 per doz.; \$13 per 100.

***Emperor*.** Perianth deep primrose-yellow; trumpet rich yellow. A very large flower. Excellent for naturalizing or forcing.

	Doz.	100
Large bulbs . . . . .	\$1 50	\$10 00
Mammoth bulbs . . . . .	1 75	12 50

***Empress*.** White perianth of great substance; trumpet rich chrome-yellow. Showy for border or naturalizing. Does equally well forced.

	Doz.	100
Large bulbs . . . . .	\$1 50	\$10 00
Mammoth bulbs . . . . .	1 75	12 50

***Golden Spur*.** A very good variety, both perianth and trumpet being of a rich yellow color. It is of unusually robust habit and unsurpassed for garden, pots, or forcing.

	Doz.	100
Large bulbs . . . . .	\$1 50	\$10 00
Mammoth bulbs . . . . .	1 75	12 50

***King Alfred*.** Strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden yellow. Although a comparatively old variety it is still one of the best. Unexcelled for forcing and fine in the garden.

	Doz.	100
Large bulbs . . . . .	\$2 25	\$15 00
Mammoth bulbs . . . . .	3 00	20 00



## LARGE TRUMPET NARCISSI, continued

**Mme. Krelage.** Broad, overlapping white perianth and long creamy white trumpet with elegantly recurved mouth. \$4.25 per doz.; \$30 per 100.

**Olympia.** This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger and of a richer, deeper color. \$3.25 per doz.; \$22.50 per 100.

**Robert Sydenham.** Sulphur-yellow, well-formed perianth; beautiful, large, yellow, wide-open trumpet, with a fine deeply frilled brim. A splendid exhibition variety for forcing after February 1. \$3.75 per doz.; \$25 per 100.

**Spring Glory.** Clear white perianth with long petals of splendid form; long trumpet of deep yellow, well reflexed at the brim. \$2.25 per doz.; \$15 per 100.

**Treserve.** One of the largest Daffodils. Large flowers of a beautiful light yellow color. Highly recommended for exhibition purposes. A valuable variety for forcing or planting out. \$3 per doz.; \$20 per 100.

**Van Waveren's Giant.** Perianth soft primrose-yellow, with an immense bright yellow trumpet fringed at the rim. Vigorous grower, and just as satisfactory for growing in pots as in the garden. \$3.75 per doz.; \$25 per 100.

**Weardale Perfection.** An exceptionally fine Daffodil, very popular in England. Broad, overlapping, creamy white perianth and graceful trumpet of deep canary-yellow. Large and well proportioned. \$3.75 per doz.; \$25 per 100.

**W. P. Milner.** Miniature sulphury white trumpet and perianth. Splendid for rockeries or for forcing in small pans. \$3.75 per doz.; \$25 per 100.

**Giant Trumpets in Mixture.** A mixture of the Large Trumpet varieties suitable for naturalizing in the shrubbery border and woodlands. \$1.25 per doz.; \$9 per 100; \$85 per 1000.



King Alfred Narcissus

## MEDIUM TRUMPET NARCISSI

## BARRII

The flowers of this group are characterized by their short cups or crowns, which measure about one-third or less of the length of their perianth segments. The colors of the crowns range from yellow and orange to scarlet, and the perianth from white to primrose and yellow. They contain the most brilliant of the red-crowned varieties.

**Albatross.** White perianth of good form; pale citron-yellow cup with exquisitely frilled edge of glowing orange-red. Very beautiful and large flower. \$1.25 per doz.; \$9 per 100.

**Bath's Flame.** Deep primrose perianth, with long, broad petals; large, deep yellow cup with wide edge of orange-red. A flower of outstanding character and color. \$2.50 per doz.; \$17.50 per 100.

**Conspicuous.** Large, soft yellow perianth; short cup, edged orange-scarlet. \$1.15 per doz.; \$8 per 100.

**Firebrand.** The combination of creamy white petals and glowing red, fluted cups really suggests live bits of coals resting on sheer, inflammable material. A small flower when compared to the latest introductions, but not inferior to any of the most expensive in brilliancy. Very free flowering when established a year or more. We have picked seven flowers from a two-year-old plant. \$1.25 per doz.; \$9 per 100.

**Lady Moore.** Snow-white perianth; yellow cup with deep orange edge. Very free flowering, with good stems. An effective garden variety and very easily forced. \$2.50 per doz.; \$17.50 per 100.

**Red Chief.** White, bold, flat cup, with broad band of bright crimson-scarlet. First-class exhibition variety. \$1.75 per doz.; \$12 per 100.

## INCOMPARABILIS

The distinguishing feature of this group is the medium-length trumpets, averaging from one-third to nearly the length of the perianth segments. Their colors are much the same as the Barrii class, but the flowers are larger and not quite so intensely colored.

**Autocrat.** Primrose-yellow perianth with pointed petals; large, broad, well-expanded yellow cup. Very free flowering, and excellent for cutting. Especially recommended for mass effects in naturalized woodland plantings. \$1.25 per doz.; \$9 per 100.

**Bernardino.** Large, creamy perianth; cup widely expanded and frilled, stained deep orange and apricot. A truly superb variety. \$1.75 per doz.; \$12 per 100.

**Cræsus.** Round, imbricated, light primrose perianth of great size, like a disc of pale gold; widely expanded, deep yellow crown, flushed with orange-red. A distinct and showy variety and a big change from common types. Fine exhibition flower. \$3.75 per doz.; \$25 per 100.

**Lucifer.** A large-flowering variety with white perianth and cup of glowing red-orange. Strong grower. \$1.25 per doz.; \$9 per 100.

**Sir Watkin.** Primrose perianth; crown yellow, tinged bright orange. This is the largest and most popular of the short-cup Narcissi. Mammoth bulbs, \$1.75 per doz.; \$12 per 100.

**Will Scarlett.** A Daffodil of most striking color, having a creamy white perianth with a rather informal petal arrangement and a broad, wide-open cup of a wonderful orange-scarlet. \$1.75 per doz.; \$12 per 100.



## LEEDSII (Medium Trumpet)

This class contains the most delicately colored and exquisite kinds of Narcissi, made up of all those short-crowned or cupped varieties having white perianth and cups of white, cream, or pale primrose. For those who will sacrifice great size for beauty of tones and perfection of texture, this class is unexcelled either for outdoor growing or for the greenhouse.

**Crystal Queen.** One of the giants of this class of Daffodils.

Well-formed flowers of fine substance and fully 3½ inches across. Pure white perianth and large cup of pale primrose, passing to white afterward. An exceedingly beautiful variety. \$2.50 per doz.; \$17.50 per 100.

**Evangeline.** Pure white perianth; lemon-yellow cup. Large, beautiful flower. \$1.15 per doz.; \$8 per 100.

**Lord Kitchen.** Pure white perianth, very broad and flat, of heavy texture; medium-length, wide-open, pale primrose trumpet. \$2.25 per doz.; \$15 per 100.

**Queen of the North.** Large, broad perianth of clear, glistening white and finest texture; cup lemon-yellow, very prettily fluted. An extremely large lovely flower of purest color. \$1.15 per doz.; \$8 per 100.

**Southern Gem.** Beautiful, pure white petals; large, lemon-yellow crown. A splendid flower of rare symmetry. Forces well. \$1.50 per doz.; \$10 per 100.

**White Lady.** Virtually a white Sir Watkin. Large, broad, pure white perianth; bold frilled cup of pale citron passing to white. \$1.15 per doz.; \$8 per 100.

## MINIATURE NARCISSI FOR ROCK-GARDEN

**Bulbocodium Conspicuum.** Grows only 6 inches tall, with fine, rush-like foliage and golden yellow, funnel-shaped flowers about an inch wide. Flowers very early in the spring and is ideal for deep, sheltered pockets in the rock-garden. \$3.75 per doz.; \$25 per 100.

**Cyclamineus.** A pure yellow species for damp and shady situations, and one of the earliest to open. Perianth reflexed like the flower of the cyclamen, with slender trumpet. About 5 inches tall. \$4.25 per doz.; \$30 per 100.

**Minimus.** The smallest and dwarfiest of all Trumpet Narcissi. Perfect miniature yellow flower on 3-inch stem. Blooms very early and requires a sheltered location. \$5.75 per doz.; \$40 per 100.

**Triandrus Albus** (Angel's Tears). Creamy white trumpet which points down, while the sharply recurved perianth petals point upward. Exceedingly dainty and beautiful. Prefers gritty soil between rocks. Height, 6 inches. \$3.25 per doz.; \$22.50 per 100.



Narcissus Poetaz

## NARCISSUS POETAZ

You can grow the lovely Poetaz Narcissus out-of-doors without danger—it is perfectly hardy. Flowers are the shape of Poeticus varieties, with the free-flowering habits of the Polyanthus. Several flowers are borne in a cluster on one stem. Excellent for forcing as well as the garden.

**Admiration.** A most lovely variety in this class of Daffodils.

Beautiful outdoors and fine for cutting as it lasts well in water and has a delightful perfume. The perianth petals are sulphur-yellow, of finest texture, and the pale yellow cup is edged orange-scarlet. Usually six flowers to the stalk. \$2.50 per doz.; \$17.50 per 100.

**Cheerfulness.** Double white Poetaz hybrid. Bears three to four large flowers on a strong stem. While the general effect of the coloring is white, there is a suggestion of pale yellow at the base of the petals which gives character to the flower. \$2.25 per doz.; \$15 per 100.

**Early Perfection.** New. The earliest of all. Can be forced to bloom in January. White with yellow cup. Three to four flowers on a stem. \$2.25 per doz.; \$15 per 100.

**Frans Hals.** Pure white perianth, with deep yellow eye. Very free flowering and easily forced. The flower-head is much more graceful than most Poetaz varieties. \$1.75 per doz.; \$12 per 100.

**Helios.** Creamy yellow; pure yellow cup. Good forcer. \$1.75 per doz.; \$12 per 100.

**Orange Cup.** Creamy white; conspicuous orange cup—a most delightful color-combination. There are six to eight florets per stem and usually two stems per bulb. \$1.75 per doz.; \$12 per 100.

**Soleil Brillant.** A perfectly hardy form of Soleil d'Or. Bright yellow petals and deep yellow cup; eight to fifteen flowers on a stem. Being 4 to 5 inches shorter than Soleil d'Or, it is ideal for the garden. \$2.25 per doz.; \$15 per 100.

## DOUBLE NARCISSI

The double varieties are particularly well adapted for winter forcing and keep a long time as cut-flowers. Grown in the open, they are suited for planting in solid beds, or they may be naturalized either in the lawn, the meadow, or the woodland. A clump here and there in the perennial bed makes a very attractive showing.

**Alba Plena Odorata.** A sweet-scented, pure white variety called Double Poet's Narcissus. It flowers later than many of the Daffodils, and is not desirable for forcing, but makes a handsome show bedded among perennial plants and shrubbery. \$1.50 per doz.; \$10 per 100.

**Argent.** Beautiful, semi-double, star-shaped flower with white petals and yellow and white center. Very hardy and free flowering. \$1.75 per doz.; \$12 per 100.

**The Pearl.** A rather dwarf variety with silvery perianth and neatly formed center of prettily curved, wavy yellow petals. An elegant variety for the rock-garden. \$2.25 per doz.; \$15 per 100.

**Double Von Sion.** The true "Double Yellow Daffodil." Rich golden yellow perianth and trumpet. This is the old favorite so highly prized in old-fashioned gardens.

	Doz.	100
First-size bulbs	\$1 25	\$9 00
Mammoth bulbs	1 75	12 00

*"You can have bulbs in bloom throughout the entire year"*

A NEW BOOK

## THE BOOK OF BULBS

By F. F. ROCKWELL Illustrated, \$2



## NARCISSUS POETICUS

### Poet's or Pheasant's-Eye Narcissus

Old-fashioned, favorite type. All have snowy white flowers, with yellow or lemon-yellow cups, margined more or less deeply with red, and having a rich spicy odor. They do well in the open border or naturalized in grass, and are perfectly hardy.

**Horace.** Pure white perianth; conspicuous red eye. Free flowering and strong-stemmed. Splendid for forcing. \$1.50 per doz.; \$10 per 100.

**Thelma.** A very large, beautiful variety, having overlapping petals of purest white and light yellow cup edged brilliant crimson. One of the best show varieties and lovely outdoors. \$1.75 per doz.; \$12 per 100.

**Ornatus.** More symmetrical than the old Poeticus, and blooms much earlier. Flowers large, pure white; cup margined with scarlet. \$1.15 per doz.; \$8 per 100; \$75 per 1000.

**Recurvus (The Old Pheasant's-Eye).** White perianth; cup deep orange-red. Late bloomer. 85 cts. per doz.; \$6.50 per 100; \$60 per 1000.

## JONQUILS

Much prized for their sweet-scented, small, golden yellow flowers. Admirably adapted for winter flowering in soil. Perfectly hardy and easily naturalized.

**Campernelle Giganteus.** The finest and best of the hybrids. Size, perfume, and foliage are superior to any of the preceding forms. As its clusters are impressive, a dozen stems make a very nice-looking bunch. Forces readily and early. \$1.50 per doz.; \$10 per 100.

**Campernelle Rugulosus.** Large, rich yellow flowers, borne very freely, and fine for cutting. \$1.25 per doz.; \$9 per 100.

**Campernelle Plenus.** Very fine double form. Beautiful golden yellow. Two to four florets per stem. \$1.50 per doz.; \$10 per 100.

**Golden Sceptre.** A very beautiful hybrid Jonquil, having large golden yellow flowers of the Trumpet type. Very fragrant. An excellent forcing variety. \$1.75 per doz.; \$12 per 100.

**Single Sweet-scented.** Rich buttery yellow. Not so large a flower as the others; fragrant and free flowering. \$1.15 per doz.; \$8 per 100.



Paper-White Narcissus

## POLYANTHUS NARCISSI

The flowers of this class of Narcissi are deliciously sweet-scented and are suitable for the window-garden and the conservatory. The bulbs are of the easiest culture and produce flowers very freely, on long stems bearing from six to a dozen blooms each. *Not hardy.*

### Paper-White Grandiflora

Their beauty and grace may be enjoyed throughout the winter. Plant the bulbs so that they almost touch each other in soil, fiber, or water, supported by pebbles, and store them in a cool, dark place for about five weeks until they are well rooted. Bring them into the light gradually as they are needed. If potted about October 1, and brought to the light in the middle of November, they will be in bloom in two to three weeks. Plant in succession for a continuation of bloom, allowing less time for rooting as the season advances. The bulb matures and the flower-bud develops, so that growth is more rapid in the winter months.

	Doz.	100
Mammoth bulbs.....	\$0 50	\$3 50
Monster bulbs.....	75	5 00
Jumbo bulbs.....	1 00	7 00

### Grand Soleil d'Or

Yellow, with orange cup; very free blooming. As easily grown as the Paper-whites, but with a more subdued jonquil-like fragrance. Valued for their golden yellow color and should appeal to those who do not like the heavy, sweet odor of the white variety.

	Doz.	100
Mammoth bulbs.....	\$1 75	\$12 00
Monster bulbs.....	2 25	15 00

### Chinese Sacred

Flowers in clusters, very similar to those of the Paper-white Narcissus, but the cups within the petals are yellow. Delightfully fragrant. Usually three or four stems per bulb, and not quite so tall as the Paper-whites. Culture the same. Mammoth bulbs, \$1.25 per doz.; \$9 per 100.

## WATERER'S COMPLETE NARCISSUS COLLECTION

This collection contains a fine example of most types of Narcissus. Each variety is outstanding in its class and color. We are pricing this group at a very attractive figure to enable garden-lovers to become better acquainted with the various types not commonly found in the garden. Planted in clumps among hardy perennials or shrubs, they will flower year after year and amply repay the cost and effort expended on them. Made up, as usual, of the **Highest Quality** bulbs from our regular stock.

**Argent.** (Double.) White; yellow center.

**Campernelle Rugulosus** (Jonquil). Golden yellow.

**Conspicuus.** (Barrii.) Yellow cup, edged red.

**Emperor.** (Trumpet.) Yellow. Large bulb.

**Empress.** (Trumpet.) Bicolor. Large bulb.

**Helios.** (Poetaz.) Soft yellow.

**King Alfred.** (Trumpet.) Golden yellow. Large bulb.

**Lucifer.** (Incomparabilis.) White; cup orange.

**Ornatus.** (Poeticus.) White; red-edged eye.

**White Lady.** (Leedsii.) White.

3 of each ( 30 in all) ...	\$3 25	25 of each (250 in all) ..	\$22 50
6 of each ( 60 in all) ...	6 25	50 of each (500 in all) ..	43 50
12 of each (120 in all) ...	12 00		



## HARDY LILIES (*Lilium*)

EVERYONE acknowledges the incontestable beauty of Lilies, but few realize what a large variety of color and form the Lily family affords. Lilies of almost every conceivable color except blue may be found in the following list, and some of the most beautiful Lilies are the easiest to grow. A few Lilies are difficult to grow, but almost all of them will bloom the first year and

when finally established will more than repay the effort and cost expended.

Stem-rooting Lilies are those which form roots on the stem above the bulb as well as from the base, and should therefore be planted deeply. Base-rooting Lilies form roots from base of bulb only and shallow planting will suffice.

**Auratum** (Golden-banded Lily). White, spotted crimson, with broad yellow band in center of each petal. Flowers often 8 to 10 inches across and very fragrant. The soil should contain plenty of leaf-mold and little or no lime. Perfect drainage is necessary. Does well in partial shade or on edge of woodland. Stem-rooting; plant 8 to 10 inches deep. August. 4 to 6 feet.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 00	\$35 00
Monster bulbs.....	70	7 00	50 00

**Auratum platyphyllum.** The most vigorous and hardy Auratum. Broad petals with yellow band, but somewhat lighter colored spots. Stem-rooting; plant deeply.

	Each	Doz.	100
Mammoth bulbs.....	\$0 70	\$7 00	\$50 00
Monster bulbs.....	90	9 00	65 00

**Batemanniae.** Ideal Lily for ordinary garden culture. Bears five to ten beautiful apricot-colored flowers. Stem-rooting; plant 6 inches deep. July, August. 3 to 4 feet. 40 cts. each; \$4 per doz.; \$30 per 100.

**Browni.** Strong, vigorous grower with stout stems bearing large, fragrant, trumpet-shaped flowers. Inside white; outside reddish brown, paling to tips of petals. Stem-rooting; plant 6 to 8 inches deep. June, July. 3 to 4 feet. \$1.50 each; \$15 per doz.

**Canadense flavum.** Graceful and charming. Golden yellow bell-shaped flowers spotted black. Dislikes lime. Small bulb but should be planted 8 to 10 inches deep. June, July. 3 to 5 feet. 35 cts. each; \$3.75 per doz.; \$25 per 100.



*Lilium candidum*

**Canadense rubrum.** A selected red form of above, heavily spotted black. Plant deep. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Candidum.** Exquisitely pure, chaste flowers on tall spikes. Blooms in mid-June and is one of the oldest and best-loved garden flowers. Must be planted in autumn.

	Each	Doz.	100
Large bulbs.....	\$0 25	\$2 25	\$15 00
Extra-large bulbs.....	30	3 00	20 00
Mammoth bulbs.....	45	4 25	30 00
Monster bulbs.....	65	6 50	45 00

**Chalcedonicum** (The Scarlet Turk's Cap). Strong, slender stems, bearing five to eight flowers of an intense scarlet. Very showy and easily grown under ordinary conditions. Base-rooting; plant 4 inches deep. June, July. 3 to 4 feet. \$2 each; \$20 per doz.

**Croceum** (The Orange Lily). A robust grower, bearing large umbels of orange-colored, upright blooms. A fine early-flowering garden variety. Stem-rooting; plant 5 inches deep. June, July. 3 feet. 50 cts. each; \$5 per doz.; \$35 per 100.

**Davuricum.** Erect, open, vase-shaped flowers of rich orange, flushed red and spotted black, borne in umbels of three to six. Stem-rooting; plant 5 inches deep. June, July. 2 to 3 feet. 40 cts. each; \$4 per doz.; \$30 per 100.

**Elegans, Leonard Joerg.** Dwarf Lily with upright flowers of a fine apricot, with darker shadings on margins of petals. Well suited for rock-garden. Stem-rooting; plant 6 inches deep. June, July. 1 to 2 feet. 40 cts. each; \$4 per doz.; \$30 per 100.

**Elegans atrosanguineum.** A fine red form of above, with dark crimson center. Plant 6 inches deep. 40 cts. each; \$4 per doz.; \$30 per 100.

**Grayi.** Small, rich red flowers, spotted maroon. Prefers partial shade and a soil full of peat or leaf-mold, with no lime. Base-rooting; plant 4 inches deep. July. 3 to 4 feet. 40 cts. each; \$4 per doz.; \$30 per 100.

**Hansonii.** Bears six to ten fragrant, bright orange-yellow flowers spotted brown, with thick, durable petals. Stem-rooting; plant 6 to 8 inches deep. June. 3 to 4 feet. \$1 each; \$10 per doz.; \$75 per 100.

**Henryi.** This beautiful and rare variety closely resembles the Speciosum type, and has been called "Yellow Speciosum." The flowers are rich apricot-yellow, with a few brown spots. Stem-rooting; plant 8 to 10 inches deep. July, August. 3 to 5 feet.

	Each	Doz.	100
Mammoth bulbs.....	\$0 85	\$8 50	\$60 00
Monster bulbs.....	1 00	10 00	75 00

**Japonicum (Krameri).** Slender stems with two to five funnel-shaped flowers of lovely pale pink. Prefers a soil containing an abundant supply of leaf-mold. Base of plants should be well shaded. Stem-rooting; plant 6 to 8 inches deep. June, July. 3 to 4 feet. 65 cts. each; \$6.50 per doz.; \$45 per 100.

**Martagon** (Turk's-Cap Lily). A fine variety for ordinary garden conditions. Vigorous, producing twenty to thirty flowers of a light purple with dark spots. Base-rooting; plant 4 inches deep. June. 4 to 5 feet. 40 cts. each; \$4 per doz.; \$30 per 100.



## HARDY LILIES, continued

**Monadelphum Szovitzianum.** One of the finest and easiest Lilies to grow in the garden. The tall stems bear many fragrant, drooping, reflexed flowers of a deep straw-color, spotted black. Not very showy the first season, but wonderful when established. Base-rooting; plant 5 inches deep. June. 5 to 6 feet. \$1 each; \$10 per doz.; \$75 per 100.

**Pardalinum.** A California variety bearing twelve to twenty strongly recurved flowers of a bright orange, spotted dark crimson. Moisture-loving, but seems to do well wherever lime is not prevalent. Highly recommended. Base-rooting; plant 5 inches deep. July. 4 to 5 feet. 40 cts. each; \$4 per doz.; \$30 per 100.

**Regale.** Magnificent flowers 6 inches across or larger. Pure white, deepening to gold stained pink outside. Easiest of all Lilies to grow, thriving like a weed under the most ordinary conditions.

	Each	Doz.	100
Mammoth bulbs.....	\$0 40	\$4 00	\$30 00
Monster bulbs.....	70	7 00	50 00
Selected Monster bulbs.....	1 00	10 00	70 00

**Rubellum.** An early-blooming, rose-pink Lily with orange-yellow anthers. Flowers face upward and are sweet scented. Likes gravelly soil and is fine for rock-gardens. Stem-rooting; plant 6 inches deep. Early June. 18 inches. 65 cts. each; \$6.50 per doz.; \$45 per 100.

**Speciosum album.** Pure white, reflexed flowers with yellow anthers. A good garden variety, but not quite so large and vigorous as the pink sorts. All Speciosum Lilies are stem-rooting and should be planted 8 to 12 inches deep, depending on size of bulb. August, September. 4 to 5 feet. 75 cts. each; \$8 per doz.; \$55 per 100.

**Speciosum magnificum.** Rich carmine on white ground, with crimson spots.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 50	\$37 50
Monster bulbs.....	75	8 00	55 00

**Speciosum melpomene.** Same as preceding, but much darker in color.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 50	\$37 50
Monster bulbs.....	75	8 00	55 00

**Speciosum rubrum.** Also similar, but rosy white, heavily spotted crimson.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 50	\$37 50
Monster bulbs.....	75	8 00	55 00

## Lilies for Indoor Growing

**Lilium Harrisii** (True Bermuda Easter Lily). This Lily is undoubtedly one of the most popular flowers ever used for forcing, but it is scarcely hardy enough to do well outdoors. The bulbs we supply are of the highest quality and are perfectly true. Ready in August.

	Each	Doz.	100
Large bulbs .....	\$0 40	\$4 00	\$30 00
Mammoth bulbs .....	85	8 50	60 00
Monster bulbs .....	1 50	14 00	100 00

## Japanese Lilies

**Lilium erabu.** A fine black-stemmed type of Formosum, making a stronger and more uniform growth. Ready in September.

	Each	Doz.	100
Large bulbs .....	\$0 40	\$4 00	\$30 00
Extra-large bulbs .....	60	6 00	45 00
Mammoth bulbs .....	1 00	10 00	75 00
Monster bulbs .....	1 50	14 00	100 00

**Longiflorum formosum.** Dark stems; blooms early. Often used instead of the Bermuda as an Easter Lily. Ready in September.

	Each	Doz.	100
Large bulbs .....	\$0 40	\$4 00	\$30 00
Extra-large bulbs .....	60	6 00	45 00
Mammoth bulbs .....	1 00	10 00	75 00
Monster bulbs .....	1 50	14 00	100 00

**Longiflorum giganteum.** Northern-grown. Short-growing variety with dark stems; later than the preceding; flowers of more substance. Ready in October or November. Extra-large bulbs, 75 cts. each; \$8 per doz.; \$55 per 100.

**Sulphureum.** A beautiful species, producing large, long, funnel-shaped, fragrant flowers. The color inside is sulphur-yellow, deepening in the throat; outside, tinged claret-purple. Ideal for growing in cool greenhouse but hardy only in favored locations when well protected. Stem-rooting; plant 8 to 10 inches deep. September. 6 to 7 feet. \$2 each; \$20 per doz.

**Superbum.** Bright reddish orange flowers, conspicuously spotted, borne twenty to thirty on a stem. Moist, semi-shaded location. Semi-stem-rooting; plant 5 inches deep. July. 3 to 4 feet. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Tenuifolium.** One to twelve nodding, rich scarlet reflexed flowers. Ideal for a shaded position in the rock-garden. Stem-rooting; plant 4 inches deep. June. 1 to 2 feet. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Testaceum.** Similar in habit to *L. candidum*, and one of the most satisfactory garden Lilies. Numerous recurving flowers of a warm shade of nankeen-yellow. Should be planted in good rich loam. Base-rooting; cover only 2 to 3 inches. June, July. 4 to 5 feet. \$2 each; \$20 per doz.

**Tigrinum splendens** (Improved Tiger Lily). Bright, reflexed, orange-red flowers spotted black. Very showy old garden Lily. Late-blooming. Stem-rooting; plant 6 to 8 inches deep. August, September. 4 to 5 feet. 30 cts. each; \$3 per doz.; \$20 per 100.

**Tigrinum flore-pleno** (Double Tiger Lily). A double form of the above, with same characteristics. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Umbellatum grandiflorum.** An early-flowering Lily with umbellate head of light orange-red blooms. Easily cultivated; robust and well suited to ordinary garden conditions. Stem-rooting; plant 6 to 8 inches deep. Early June. 2 feet. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Umbellatum erectum.** Large, red flowers, much darker than Grandiflorum. 35 cts. each; \$3.75 per doz.; \$25 per 100.

**Willmottiae.** A tall, graceful Lily with slender foliage. Produces fifteen to twenty flowers of a vivid orange-red, with recurved petals and numerous small brown spots. A very lovely variety, adapted for the garden but will need staking. Stem-rooting; plant 6 to 8 inches deep. July, August. 4 to 5 feet. Largest bulbs, \$1.50 each; \$15 per doz.



Lilium Harrisii



# CROCUS

## Crocus (Species)

### WINTER AND SPRING-FLOWERING

These Crocuses are smaller and more dainty than the regular Dutch varieties. However, they are extremely hardy and naturalize more readily. Can be used anywhere, especially in the rock-garden, and bloom very early, always before the Dutch. During mild seasons they will bloom from January on till April. Recommended for mass planting, as small patches are effective only in the rock-garden. We urge a trial of these lovely little flowers, the first things to bloom in the new year.

**Biflorus** (Scotch Crocus). Pure white inner petals, outer petals striped lilac. Very fine. 85 cts. per doz.; \$6 per 100; \$55 per 1000.

**Imperati**. Lilac, outer petals silvery gray with a few brown stripes. Very distinct and early. 80 cts. per doz.; \$5.50 per 100; \$50 per 1000.

**Sieberi**. Pale lilac with orange stigmata. A real beauty and very early. 70 cts. per doz.; \$4.50 per 100; \$40 per 1000.

**Tomasinianus**. Pale lavender-blue. Very delicate color and very early. 45 cts. per doz.; \$3 per 100; \$27.50 per 1000.

**Susianus** (Cloth-of-Gold). Golden yellow with outer petals of striped brown. 45 cts. per doz.; \$3 per 100; \$27.50 per 1000.

**Versicolor** (Cloth-of-Silver). White, striped purple. Very effective and showy. 45 cts. per doz.; \$3 per 100; \$27.50 per 1000.

### LATE SUMMER- AND FALL-FLOWERING

A group of bulbous plants unique in this family, as they flower in the fall instead of in the spring. As a rule, the foliage appears in the spring, instead of with the flowers, and dies away early. These Crocuses are highly recommended for the rock-garden, where the value of their blossoms late in the season can readily be appreciated. Planted beneath low-growing sedums, thyme, veronica, etc., their fragile stems are supported by the plants and the bulbs protected, and they will in no wise interfere with the blooming of these cover-plants. We believe no garden should be without some of these unusual Crocuses, and feel sure a trial will be more than satisfactory. The following list offers a fine assortment of all the good varieties for any purpose or location. Those of the Speciosus type thrive in shade and moisture.

**Asturicus**. Pale mauve to purple-lilac, darker at base. \$3 per doz.; \$20 per 100.

**Iridiflorus**. Outer petals purple-violet, inner petals pale lilac; anthers lilac. Very distinct. \$2.25 per doz.; \$15 per 100.

**Nudiflorus**. Large flower of rich clear purple. Late. \$15 per doz.; \$10 per 100.

**Ochroleucus**. Creamy white, showing a clear orange center. Very beautiful variety. \$1.75 per doz.; \$12 per 100.

**Pulchellus**. Lavender-blue, with orange-spotted center and white anthers. Very pretty. \$2.25 per doz.; \$15 per 100.

**Salzmani**. Light violet with darker feathering. Likes a damp situation. \$1.15 per doz.; \$8 per 100.

**Sativus**. Large purple-lilac flower feathered violet; showy orange anthers. 45 cts. per doz.; \$3 per 100.

**Speciosus**. Bright violet-blue; light yellow center and orange-red anthers. Very showy. 45 cts. per doz.; \$3 per 100.

**Speciosus Albus**. A very lovely pure white variety. \$3.75 per doz.; \$25 per 100.

**Speciosus Aitchisonii**. A very large, pointed flower of light blue. Very late. \$1 per doz.; \$7 per 100.

**Speciosus Globosus**. Large dark blue flowers. Also very late. 85 cts. per doz.; \$6 per 100.

**Zonatus**. Rose-lilac, yellow center. Very lovely coloring. 45 cts. per doz.; \$3 per 100.

**Mixed**. All varieties. 75 cts. per doz.; \$5 per 100.



## Mammoth-flowering Varieties

These are large, selected bulbs of the best varieties and are noted for the immense size and quantity of their flowers and richness of color. The small, cheap bulbs we do not handle, as they fail to give satisfaction. Plant as an edging to beds, in careless patches in the grass, in masses among shrubs, or on slopes of terraces.

	Doz.	100	1000
<b>Golden Yellow</b> . Mammoth bulbs...	\$0 45	\$3 00	\$27 50
Jumbo bulbs.....	65	4 00	35 00
<b>Grand Lilas</b> . Large flowers of true lilac color. Of very lasting quality and far superior to most other varieties of this color.....	65	4 00	35 00
<b>Julia Kulp</b> . Large; purple with paler edges. Late.....	45	3 00	27 50
<b>Kathleen Parlow</b> . White with deep orange anthers.....	45	3 00	27 50
<b>King of the Whites</b> . Large; white...	45	3 00	27 50
<b>Lothair</b> . Deep purple stripes on white ground.....	45	3 00	27 50
<b>Maximilian</b> . A pleasing shade of lavender. Distinct from all others..	45	3 00	27 50
<b>Pallas</b> . White ground, fine light lilac stripes; showy orange anthers. Large.....	45	3 00	27 50
<b>Purpurea grandiflora</b> . Large; purple	45	3 00	27 50
<b>Remembrance</b> . The best lavender Crocus with very large flowers.....	75	5 00	45 00
<b>Giant Named Mixed</b> .....	45	3 00	27 50
<b>Fine Mixed</b> .....	40	2 50	22 50



# Miscellaneous Bulbs and Roots

## Amaryllis

On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm—under the benches of a greenhouse, for example. Do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. If bulbs are potted up too early only leaf-growth is made.

**Giant American Hybrids.** We believe this selection is the best obtainable at the present time, and we know of nothing that will give the amateur greater pleasure for the window-garden. They are of vigorous growth, free-flowering habit, and flowers are of enormous size. We offer mixed varieties only, in very strong bulbs (ready November 1).

	Each	Doz.
Mammoth bulbs.....	\$0 75	\$7 50
Monster bulbs.....	1 25	12 00
Selected monster roots.....	2 00	20 00

## Calla Lilies

**White** (*Richardia Aethiopica*). The white Calla, or Lily-of-the-Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June until the last of August. Repot as soon as received in good, rich soil, using 6 to 8-inch pots. Give water, light and heat in abundance.

	Each	Doz.	100
Mammoth roots.....	\$0 40	\$4 00	\$30 00
Monster roots.....	70	7 00	50 00

**Godfrey Everblooming White** (*R. godefreyana*). This is a great improvement over the ordinary White Calla, especially for the amateur, being of even freer growth and much more floriferous over a longer season. The flowers, while a trifle smaller than the old-fashioned Calla, are of pure white.

	Each	Doz.	100
Mammoth roots.....	\$0 40	\$4 00	\$30 00
Monster roots.....	55	5 75	40 00

**Yellow** (*R. elliottiana*). The finest Yellow Calla. Large, rich deep golden flowers often 4 to 5 inches across at the mouth. Habit of growth and foliage like the old favorite White Calla except that the leaves of Elliottiana are spotted with white.

	Each	Doz.	100
Mammoth roots.....	\$0 45	\$4 50	\$35 00
Monster roots.....	75	7 50	52 50
Selected monster roots.....	90	9 00	65 00

## Anemone (Windflower)

These popular flowers of French origin are exceedingly useful as a decorative plant for house or garden, and fine for cutting. If planted outdoors in the fall, they must be well protected with leaves or other litter. They may also be planted in the spring in well-drained soil, and will flower during the summer, starting in May. When planted in pots, place twelve or more in a cluster and store away, if possible, in a coldframe until February 1; if carefully watered, when brought into the house, they will flower abundantly.

**Single de Caen** (Giant French Poppy-flowered Anemone).

Large flowers of brilliant and varied colors. 90 cts. per doz.; \$6.50 per 100.

**His Excellency.** Large, brilliant, deep scarlet, poppy-like flower. Thick petals and long strong stems. \$1.10 per doz.; \$7.50 per 100.

**St. Brigid.** The flowers are semi-double, most varied and beautifully colored, and if cut before fully out are most useful for decorative purposes. \$1.10 per doz.; \$7.50 per 100.



Giant American Hybrid Amaryllis

## Calochortus

### Mariposa or Butterfly Tulips

Charming native plants growing 18 inches tall. Hardy, with slight protection.

**Venustus Citrinus.** Deep, rich yellow, with black center. 85 cts. per doz.; \$6 per 100.

**Vesta.** White, flushed lilac, with rosy red center. \$1.50 per doz.; \$10 per 100.

## Camassia

Hardy plants, thriving under a variety of conditions. Ideal for garden border and for naturalizing in open, moist woods. Densely flowered spikes. Blooms during a long period, beginning in June.

**Esculenta.** Flowers of a rich purple color. Very good for massed plantings. Height, 2 feet. 75 cts. per doz.; \$5 per 100.

**Leichtlini.** Tall spikes, with as many as 100 flowers. Colors vary from creamy white through light to dark blue. Height, 3 feet. \$1.50 per doz.; \$10 per 100.

## Colchicum

**Autumnale major.** Large, rosy lavender, crocus-like flowers in the fall. Foliage appears in the spring. Will also flower in the house without soil or water. Plant early. 40 cts. each; \$4.25 per doz.; \$34 per 100.

## Chionodoxa (Glory-of-the-Snow)

The most beautiful of dwarf blue spring flowers, resembling those of *Scilla sibirica*, but larger, slightly taller, and more handsome. The Chionodoxas are very hardy, thriving in any ordinary garden soil and in almost any situation. They should be planted in the fall, 3 inches deep, about eighteen bulbs to a square foot, in a sunny location or in half shade and in places where they can remain undisturbed for a number of years.

**Luciliae.** Bright sky-blue flowers, with large white centers. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.

**Sardensis.** The flowers are rich deep blue, with small white center. 45 cts. per doz.; \$3 per 100; \$27.50 per 1000.

**Gigantea.** Resembles *C. luciliae*, but with much larger blooms of soft gray-blue. 65 cts. per doz.; \$4 per 100; \$35 per 1000.



## MISCELLANEOUS BULBS, continued



Eremurus

**Dielytra spectabilis (Bleeding Heart)**

Long, drooping racemes of pendent, heart-shaped pink flowers. Strong forcing clumps. October delivery. 75 cts. each; \$7.50 per doz.; \$52.50 per 100.

**Erythronium (Dog's-tooth Violets)**

Charming woodland plants for damp, shady location, bearing dainty, lily-like flowers in early spring. The beautifully mottled foliage is also attractive. Fine for shady rock-garden. Grows about 8 inches high. Plant corms 5 inches deep.

**Californicum.** Each stem bears four or five cream-colored flowers. 85 cts. per doz.; \$6 per 100.

**Grandiflorum robustum.** An exceptionally good variety with flowers of bright buttercup-yellow. \$1 per doz.; \$7 per 100.

**Hendersoni.** Light purple flowers with deep maroon centers. Leaves beautifully mottled. 85 cts. per doz.; \$6 per 100.

**Johnsoni.** A most beautiful, robust variety, with flowers of a delightful shade of rose-pink. \$1.75 per doz.; \$12 per 100.

**Mixed.** A splendid assortment of these lovely plants. \$1 per doz.; \$7 per 100; \$65 per 1000.

**Eranthis hyemalis (Winter Aconite)**

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas, and chionodoxas. Especially valuable in moist situations, such as under trees, and where few other flowering plants will thrive. 5 to 8 inches high. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.

**Eremurus (Fox-tail Lilies; Giant Asphodels)**

Extremely fine hardy plant with gigantic flower-spikes in lovely soft colors. The stalk rises 6 to 8 feet and more from a large tuft of long, narrow leaves and is crowned with a 2- to 3-foot inflorescence composed of many closely set, bell-shaped flowers. A most striking and effective subject for the hardy border or among shrubs. They flower in late June and July and after flowering die away entirely, so it is well to plant some spreading and quick-growing annual nearby to fill up the space left vacant. They reappear very early in the spring and must be carefully protected against late frost as the new shoot is very liable to injury. Leave undisturbed for they resent being moved after once planted.

**Bungei.** Handsome citron-yellow flowers on 4- to 5-foot spike. \$2 each.

**Elwesi.** A strong grower with enormous spike of soft pink blossoms. Very tall. \$4.50 each.

**Himalaicus.** Pure white, closely set spike. Extremely vigorous. \$3.50 each.

**Him-Rob.** A cross between Himalaicus and Robustus. Pale silvery pink. \$4.50 each.

**Robustus.** Very beautiful rose-pink variety. One of the finest. \$4.50 each.

**Shelford.** Coppery yellow or orange in color and rather late blooming. Magnificent large spike. \$4.50 each.

**Freesias**

One of the most beautiful and popular flowers for house or conservatory. Very valuable for cutting, being peculiarly graceful and possessed of a sweet, delicate perfume. They force easily and may be had in bloom by Christmas if desired.

**SELECTED TOP-SIZE BULBS**

**Elder's Giant White.** A new, extremely large, pure white Freesia. Flowers of heavy substance and keep well when cut. Altogether an ideal flower and the best white Freesia to be had. \$1.75 per doz.; \$12 per 100.

**Waterer's Purity.** The flowers are of extra-large size and of a pure glistening white.

	Doz.	100	1000
Mammoth bulbs.....	\$0 50	\$3 50	\$30 00
Monster bulbs.....	75	5 00	45 00
Jumbo bulbs Selected.....	1 00	7 00	65 00

**Giant-Flowering Colored Freesias**

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings. Very fragrant and free flowering.

**California.** Large, bright golden yellow flower. Extra-strong, fine growth and long stems. One of the very finest yellow Freesias. 90 cts. per doz.; \$6.50 per 100.

**Carrie Budau.** Lavender-pink. A great improvement over General Pershing, with larger flowers and heavier stems. An enormous grower and producer. \$1 per doz.; \$7 per 100.

**Golden Daffodil.** Large, deep golden yellow flowers of great substance, with long, wiry stems. \$1.15 per doz.; \$8 per 100.

**Golden Treasure.** New giant yellow Freesia of great merit. Edges of petals flushed lavender. Flowers very large; exceptionally strong grower. \$1.15 per doz.; \$8 per 100.

**Marie Louise Fischer.** A wonderful variety with large, pure lavender-blue flowers. Strong, vigorous grower. \$1.15 per doz.; \$8 per 100.

**Mrs. Marc Peters.** Very attractive deep rosy salmon, with lower petals blotched orange and yellow. \$1.50 per doz.; \$10 per 100.

**Wistaria.** A beautiful variety with large flowers of a lovely shade of lavender-violet, the center of lower petals faintly tinged with cream. \$1.50 per doz.; \$10 per 100.



## MISCELLANEOUS BULBS, continued

**Fritillaria imperialis (Crown Imperials)**

Well-known, hardy border plants, bearing clusters of immense, pendent, bell-shaped flowers surmounted with a tuft of green leaves. They are excellent for hardy borders and may be left undisturbed for years.

	Each	Doz.	100
Red.....	\$0 60	\$6 00	\$45 00
Yellow.....	75	7 50	60 00

**Fritillaria meleagris (Guinea-Hen Flower)**

Dwarf, spring-flowering plants, bearing large, pendent, bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

**Mixed Colors.** 75 cts. per doz.; \$5 per 100; \$45 per 1000.

**Gladiolus colvillei**

A winter-flowering type for greenhouse use, with slender stems and dainty orchid-like flowers.

**Blushing Bride.** White, marked crimson.

**Brilliant.** Crimson, marked white.

**Peach Blossom.** Lovely soft pink.

**The Bride.** Pure white.

85 cts. per doz.; \$6 per 100

**Muscari (Grape Hyacinth)**

These very curious and pretty little Hyacinths are perfectly hardy, are of the easiest culture, and thrive and increase in either sunny or partially shaded positions in the garden. When naturalized in little colonies, where they can remain undisturbed for several years, the effect is very pretty, while as edgings they are most charming. All are also adapted for winter flowering in the house.

**Blue.** 30 cts. per doz.; \$2 per 100; \$18 per 1000.

**White.** 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.

**Heavenly Blue.** A new type with larger flowers of a bright sky-blue and delightfully fragrant. Desirable for cutting and of splendid effect massed in the garden or border. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.



Freesia, Waterer's Purity



Dutch Iris

**Various Bulbous Irises****Dutch Iris (Iris hollandia)**

This new strain much resembles the well-known Spanish Iris, but the whole habit of growth is more vigorous. The large flowers are similar in appearance to those of the Spanish Iris and have orange blotches on the wide falls. Their greatest value is their earliness, flowering two weeks before the Spanish outside, and, when forced, will bloom in February and March. Invaluable as a cut-flower.

**SELECTED TOP-SIZE BULBS**

**David Bles.** A very fine light blue. Very early. \$1.75 per doz.; \$10 per 100.

**Heemskerk.** Sulphur-yellow, with deeper yellow falls. \$1.15 per doz.; \$8 per 100.

**Huchtenburg.** Standards pale blue; falls deep yellow, with golden orange blotch. Very good form. \$1.15 per doz.; \$8 per 100.

**Rembrandt.** Wide, dark blue standards; falls rich deep blue with fine orange blotch. Vigorous grower. \$1.15 per doz.; \$8 per 100.

**The First.** Standards and falls beautiful marine-blue, darker than Wedgwood. Fine strong stems. Early, and excellent forcer. \$3 per doz.; \$20 per 100.

**Theodore de Bock.** The best of the bronze-colored sorts. Particularly good color when forced. \$1.15 per doz.; \$8 per 100.

**Wedgwood.** Large flower of beautiful wedgwood blue, borne on a strong stem. An outstanding variety of very fine form and habit. It may be had in bloom in the greenhouse as early as mid-January. This variety is very free flowering. \$2.75 per doz.; \$18.50 per 100.

**White Excelsior.** Large, elegant flowers of uniform pure white. \$1.15 per doz.; \$8 per 100.

**Yellow Queen.** Standards pale yellow; falls golden yellow. Rounded falls and wiry stems. Excellent for forcing or outside. \$1.15 per doz.; \$8 per 100.



## MISCELLANEOUS BULBS, continued



Lily-of-the-Valley

**Spanish Iris (*Iris hispanica*)**

These are extremely early and produce fragrant, orchid-like flowers of rich and beautiful colors. Excellent for forcing, either in pans or in boxes for cutting. They are hardy out-of-doors, requiring only slight mulching in winter.

**Belle Chinois.** Rich golden yellow. Earliest of all in this color.

**Cajanus.** Canary-yellow, orange-yellow blotch on falls.

**King of the Blues.** Deep dark blue, shaded lighter.

**Queen Wilhelmina.** Pure white, with small orange blotch on falls. Extra fine.

**Prince Henry.** Dark bronze, golden blotch.

Any of the above, \$1 per doz.; \$7 per 100

***Iris filifolia***

**Imperator.** A strong-growing Iris with rich deep blue flowers. Splendid greenhouse variety, but not hardy in this climate. \$1.15 per doz.; \$8 per 100.

***Iris reticulata***

An early-blooming variety coming out just before the crocuses. The blooms are a rich violet color with bright yellow markings and have a violet fragrance. Makes only a small bulb and prefers a warm, well-drained location. Much recommended for early forcing. \$4.25 per doz.; \$30 per 100.

***Ixias***

The Ixia is a beautiful little winter-flowering bulb, with long, slender, graceful spikes of bloom. Its colors are rich, varied, and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty. Very desirable for pots. We offer them in mixture of best named varieties, at 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.

**Lily - of - the - Valley**

*Cold Storage, for Growing in the House*

Few people realize how easily the dainty Lily-of-the-Valley can be brought to perfection in the house in three weeks, with longer stems and larger flowers than any grown outdoors.

By planting our specially prepared roots successively in fiber, peat, or soil, and giving them gentle heat and plenty of water, these delicately lovely, highly fragrant flowers may be had in profusion throughout the winter and early spring.

**About Lily-of-the-Valley**

We believe our Cold-Storage Lily-of-the-Valley Pips are absolutely the finest grade of pips that it is possible to procure from Germany.

It has been our good fortune to supply the finest estates in the country with these pips. Ready for immediate delivery.

**Waterer's Exhibition Strain.** An extra-fine grade for forcing, which we carry in cold storage for immediate delivery. \$1 per doz.; \$8 per 100. Case of 250, \$18.50; 500, \$35; 1000, \$65.

If wanted by Parcel Post, add 10 cts. per doz.; 25 cts. per 100, for postage

**Fresh Pips.** Ready in December. \$6.50 per 100; \$60 per 1000.

**Clumps.** Ready in November. For outdoor planting only. They are perfectly hardy and will naturalize readily and soon form large clumps if given the proper conditions—anywhere in the garden among shrubs or under trees where they are shaded most of the time and where they can get plenty of moisture, preferably where it is always a little damp and cool. 60 cts. per clump; \$6 per doz.; \$45 per 100.

***Leucocoryne ixioides (odorata)***

*(Glory-of-the-Sun)*

A very fine plant for greenhouse culture, having long, wiry stems and exquisite light blue flowers of faint heliotrope fragrance. Blooms in late winter and has very long-lasting qualities. \$7 per doz.; \$50 per 100.

***Leucojum vernum (Spring Snowflake)***

Pretty bulbous plants allied to the snowdrops, growing from 1 to 2 feet high in rich soil, and producing freely beautiful large white flowers, distinctly tipped with green, excellent for cutting. They should have a place in all hardy collections, particularly shady nooks. 85 cts. per doz.; \$6 per 100.

***Nerine***

A fine bulbous plant for indoor culture, flowering quickly in the early fall. Somewhat like the Amaryllis, blooming before making much foliage. Composite heads of showy flowers on stout stems.

**Fothergilli major.** Large red flowers with a glitter of gold. Very striking and effective. Early flowering. \$1.25 each; \$12 per doz.

**Sarniensis** (The Guernsey Lily). Heads of showy red flowers before the leaves. 25 cts. each; \$2.25 per doz.; \$15 per 100.

***Ornithogalum***

**Thyrsoides.** The wonder flower from South Africa. Large heads of white flowers lasting for weeks. Ideal for greenhouse culture and for planting out in the South. Not hardy. \$1.75 per doz.; \$12 per 100.

**Umbellatum** (Star of Bethlehem). A hardy woodland plant bearing umbels of white flowers with small black center. Very good for naturalizing in out-of-the-way corners, as it requires little care. Spring flowering. \$1.10 per doz.; \$7.50 per 100.



## MISCELLANEOUS BULBS, continued

**Oxalis**

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging-baskets. The foliage alone is very attractive and when in flower they are exceedingly pretty.

**Buttercup.** Large, rich yellow flowers. 50 cts. per doz.; \$3.50 per 100.

**Grand Duchess.** A variety of great beauty. It is of dwarf, sturdy growth, throwing large flowers well above the foliage. We offer them in three colors, **Pink, White,** and **Lavender.** 45 cts. per doz.; \$3 per 100.

**Ranunculus**

Gorgeous, dwarf flowers, easily grown in pots for winter blooming or in coldframes for spring. Plant about 8 roots in a 6-inch bulb-pan, covering 1 inch. The colors vary from white, yellow, crimson, purple, to almost black.

**Giant Double French, Mixed.** 85 cts. per doz.; \$6 per 100.

**Palafior Strain.** An excellent strain producing much larger and more fully double flowers than other types. Very strong grower and exceptionally good range of color. For forcing only. Choice selected roots. \$2.25 per doz.; \$15 per 100.

**Sparaxis**

Dwarf plants with large flowers of exceptionally brilliant colors. Quite hardy and prefer a sunny, well-drained border. Finest Mixed. 85 cts. per doz.; \$6 per 100.

**Tritonia crocata**

Slender stems with numerous flowers similar to the freesia, of an orange-red color. Fine for greenhouse forcing. 75 cts. per doz.; \$5 per 100.

**Scillas (Bluebells and Wood Hyacinths)**

All the varieties of the *Scilla campanulata* and *S. nutans* family are splendid for naturalizing, because they will flower in shady places, where almost any other flower will die. Both have bells like small hyacinths, forming long and graceful spikes.

**Sibirica.** Most beautiful hardy spring bulbs producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown with snowdrops and crocuses, for contrast, the effect is magnificent. Splendid for the rock-garden. Top-size bulbs, 50 cts. per doz.; \$3.50 per 100; \$32.50 per 1000.

**Campanulata (Wood Hyacinth).** Flowers borne on tall spikes 1 to 2 feet high. Each flower measures nearly an inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors:

	Doz.	100	1000
<b>Alba maxima.</b> White.....	\$0 45	\$3 00	\$27 50
<b>Excelsior.</b> Blue.....	45	3 00	27 50
<b>Rosea.</b> Pink.....	65	4 00	35 00

**Nutans.** The true English Bluebell. A showy, vigorous-growing variety that is effective when planted with May-flowering tulips. Height, 12 to 15 inches. 45 cts. per doz.; \$3 per 100; \$27.50 per 1000.

**Snowdrops**

These elegant little flowers, the first to open in spring, should be found in every garden. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible.

	Doz.	100	1000
<b>Single</b> .....	\$0 50	\$3 50	\$32 50
<b>Double</b> .....	75	5 00	45 00

**Spirea**

(November Delivery)

This beautiful pot plant, usually grown by the florist for Easter, we are able to offer in eight named varieties, in clumps suitable for growing in 6-inch pots.

**America.** Delicate lilac-rose. Splendid forcer.

**Gladstone.** Large spikes of pure white flowers, borne on strong stems 18 inches high.

**Peach Blossom.** A very lovely shade of peach-blossom-pink. Very free flowering.

**Princess Mary.** One of the very best of the dark pinks.

**Queen Alexandra.** A popular variety on the order of Gladstone, but of a pale pink color.

Any of the above 5 varieties, 85 cts. each; \$9 per doz.; \$65 per 100

**Deutschland.** Purest white. Strong-growing variety. Exceptionally good forcer.

**Gloria.** Dense feathery plumes of a splendid brilliant dark pink, with a soft lilac shade.

**Rhineland.** Bright crimson, shaded salmon.

Any of the above 3 varieties, \$1 each; \$10 per doz.; \$75 per 100

**Watsonia**

Half-hardy bulbs similar to gladiolus, with tall spikes of beautiful flowers. Well suited for growing in the cool greenhouse.

	Doz.	100
<b>White</b> .....	\$1 50	\$10 00
<b>Pink</b> .....	1 50	10 00

**NATURALIZING BULBS**

This year's very reasonable prices offer an exceptional opportunity to plant large quantities of bulbs for permanent effects. Narcissus, Crocus, Scillas, Muscari, Snowdrops, Camassias, Chionodoxa, Erythronium, Eranthis and others are suited for that purpose.



Spirea, Gladstone





## Fall Best Season for Making Lawn

**RENOVATE and BUILD UP LAWNS AFTER RAVAGES OF SUMMER DROUGHT and JAPANESE BEETLE**

The fall season, from August 15 to October 15, is the best time to sow Lawn Grass Seed. The fall rains hasten germination and enable the roots to become well established before freezing weather sets in. Growth is resumed with the first thaws of early spring and the roots are strengthened, while seed sown in the spring is just undergoing germination. A lawn grown in this way will endure summer droughts better than a spring-sown lawn.

### HOW TO MAKE A LAWN

A well-made, well-kept lawn is a priceless possession. Nothing is more universally admired and sought for by people of good taste and discrimination. A good lawn requires intelligent effort and care. The main thing is to start right. The materials and foundation determine the quality of a lawn as much as of a building of brick and mortar.

The soil should be graded, spaded or plowed, harrowed or raked, and fertilized with commercial sheep manure or bone-meal. Unless barnyard manure is very old and rotten, it is likely to contain weed seeds which cause trouble. The surface should be pulverized and made as smooth as possible, removing clods, sticks, roots, and stones.

Well-cleaned grass seed should be chosen, consisting of a proper mixture of grasses suited to the locality and the particular location. Good seed makes a better lawn than sod. When the ground has settled and has been rolled firm, sow the seed evenly and thickly, at the rate of 5 bushels or 100 to 120 pounds to the acre. Choose a still day and make two sowings at right angles to each other to insure even distribution. A light sifting of rich soil over the seed is beneficial, or it may be lightly scratched with a rake. Firm the sur-

face afterward with a roller or by vigorous blows with the flat of the spade. If the sowing can be done shortly in advance of a light rain it is very fortunate, but, at all events, a newly seeded lawn should not be permitted to become dried out until the grass is up and fairly well established.

Cut the new grass as soon as it will engage the blades of the mower and keep it cut regularly. All lawns, even those that are well established, should be watered well in hot, dry weather.

Old lawns should be reseeded lightly every season to maintain vigorous growth and to discourage weeds. This can be done in either spring or fall, and should follow a light raking. Two bushels, or 40 pounds, to the acre are sufficient, and it should be rolled or patted into the soil.

Sow grass seed in all holes where weeds have been dug. Should dead spots appear in the lawn, spade them up, working plenty of fertilizer into the soil and sow seed at the rate of 1 pound for every 100 square feet, keeping the spots well rolled and watered. An annual application of commercial manure or bone-meal should be given every spring, applying it at the rate of 800 pounds to the acre.

### Waterer's Best Lawn Grass Mixture

A combination of various American and European types of fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our trying conditions of sunshine and drought, and good, bad and indifferent soils, growing during different periods of the year, so that it maintains a close, velvety surface which does not burn brown in summer and is not killed by hard freezing. This Best Mixture has been given the utmost care and selection to keep it strictly of the highest grade, to insure a perfect and luxuriant lawn with closely interwoven, firm, and elastic turf, which is usually ready for cutting six weeks after sowing. Highly recommended. Pt. 30 cts.; qt. 50 cts.; 4 qts. \$1.75; pk. \$3.25; bus. (20 lbs.) \$12.

### Waterer's Special Evergreen Lawn Mixture

is composed of the best natural lawn grasses in the proper proportions of enough varieties to insure a good stand of grass in a wide diversity of soils and situations. It includes sorts for both dry and damp soils, for acid and limey ground, and, in fact, there are seeds of enough varieties for different purposes to make sure of a smooth even stand and a lawn continually green and flourishing under almost all ordinary conditions of climate, and able to withstand hard usage. Pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.50; pk. \$2.50; bus. (20 lbs.) \$9.

### Waterer's Mixture for Shady Places

There are always spots under trees and in the shadow of buildings where the sun-loving grasses will not grow. For places of this kind we have prepared a careful mixture of those grasses which naturally thrive in the shade. This mixture consists of the highest grade of re-cleaned seeds, and should produce a good lawn in difficult shady places. Even shade-loving grasses will not grow under trees without being watered because the tree roots are very greedy and absorb the moisture from the surface quickly. Pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.50; pk. \$2.50; bus. (20 lbs.) \$9.



## Seeds Bulbs and Plants



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*Bags* \_\_\_\_\_ *Baskets* \_\_\_\_\_

Bbls. \_\_\_\_\_ Bbls. \_\_\_\_\_

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## Waterer's Popular Evergreen Lawn Mixture

In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Pt. 20 cts.; qt. 35 cts.; 4 qts. \$1.25; pk. \$2; bus. (20 lbs.) \$7.

## Waterer's Fairmount Park Mixture

A superior grade of lawn grasses of the more enduring, strong-rooting, drought-resisting kinds, blended to form a high-class utility mixture for broad planting of wide spaces. Pt. 15 cts.; qt. 25 cts.; 4 qts. 95 cts.; pk. \$1.75; bus. \$6.

## Waterer's Terrace Mixture

A special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils and at the same time produce a rich green turf throughout the season. Pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.50; pk. \$2.50; bus. (20 lbs.) \$9.

## Waterer's Seashore Lawn Grass Seed

A special mixture of grasses peculiarly suited for seaside lawns, composed of strong-rooted varieties which will quickly produce a good turf. Pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.50; pk. \$2.50; bus. (20 lbs.) \$9.

## Waterer's Permanent Pasture and Hay Mixture.

Far superior to any other mixture for producing permanent hay and pasture. A mixture of varieties which will form a permanent pasture that lasts for years. Composed chiefly of native and acclimated grasses, which have been found to be best. These are blended in their proper proportions to give the desired results. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Pk. \$1.75; bus. (20 lbs.) \$6.

## Waterer's Tennis Court Mixture

A mixture of fine grasses for tennis courts, which will make a firm, green and lasting turf. Pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.50; pk. \$2.50; bus. (20 lbs.) \$9.

## Waterer's Athletic Field Mixture

The grasses in this mixture are carefully selected for their rapid growth, deep-rooting qualities, and durability, and will furnish a permanent sod that will withstand hard usage. Pt. 20 cts.; qt. 35 cts.; 4 qts. \$1.25; pk. \$2; bus. \$7.

## Waterer's Golf Link Mixture

The grasses in this mixture will produce a rich green turf that will resist tramping and hard wear and will retain its color during the severest drought. Sow 100 pounds to the acre. Pt. 20 cts.; qt. 35 cts.; 4 qts. \$1.25; pk. \$2; bus. \$7.

## Waterer's Putting-Green Mixture

A mixture of very fine-bladed varieties of grasses suitable for the production of a close, thick, fine turf. Pt. 40 cts.; qt. 75 cts.; 4 qts. \$2.50; pk. \$4.50; bus. (25 lbs.) \$16.50.

## White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 85 cts.; 5 lbs. \$4; 10 lbs. \$7.75; bus. (60 lbs.) \$45; 100 lbs. \$75.

# FANCY RECLEANED GRASS SEEDS

Owing to the variations in market value, the prices quoted below are subject to change without notice  
Write for special prices on larger quantities

**Bent, Certified Prince Edward Island.** A pure, hardy strain of *Agrostis tenuis* grown on Prince Edward Island, Canada, where severe winters prevail, and has proved exceptionally hardy. Forms an ideal turf of dark green color and uniform in texture. Lb. \$2.25.

**Bent, Creeping** (*Agrostis Species or South German Mixed Bent*). Well adapted for most soils. Makes thick velvety putting greens and is very fine-leaved. Lb. \$1.50.

**Blue Grass, Canada** (*Poa compressa*). A suitable grass for hard, dry soils. Excellent for rooting on steep places. Sow 60 pounds to the acre. Lb. 35 cts.

**Blue Grass, Kentucky** (*Poa pratensis*). This is suited to a variety of soils and is largely used as a pasture grass. It is unusually early, and presents a beautiful green appearance in early spring when other grasses are still dormant; revives with first rainfall after a long drought. Sow 60 pounds to the acre. Lb. 40 cts.

**Crested Dog's-Tail** (*Cynosurus cristatus*). A hardy permanent grass for lawn and permanent pasture. Lb. 40 cts.

**Fescue, Chewing's New Zealand** (*Festuca*). Especially recommended for golf putting greens and lawns; succeeds on all soils. Lb. 55 cts.

**Fescue, Fine-leaved Sheep's** (*Festuca ovina tenuifolia*). The leaves are small, wire-like, very fine but tough and stiff. The color is beautiful dark green. Valuable for tees, putting greens, and lawns subjected to hard wear. Lb. 65 cts.

**Fescue, Hard** (*Festuca duriuscula*). A dwarf-growing, early, very hardy, robust grass, succeeding well in dry soils, and fine for permanent pasture. Sow 30 pounds to the acre. Lb. 40 cts.

**Fescue, Meadow** (*Festuca pratensis*). One of the finest grasses for permanent pastures, highly nutritious and relished by stock. Succeeds well in all soils but best on moist land. Robust in habit and grows over a long season. Sow 50 to 70 pounds to the acre. Lb. 25 cts.

**Fescue, Red or Creeping** (*Festuca rubra*). Fine for lawns. Resists drought; valuable for seeding embankments and exposed locations, as it binds the soil. Forms a very close, durable turf; much used on putting greens. Lb. 55 cts.

**Fescue, Sheep's** (*Festuca ovina*). Short and dense in growth; excellent for lawns. Lb. 40 cts.

**Orchard Grass** (*Dactylis glomerata*). A deep-rooted, very nutritious grass; does well in shady places and is of great value for hay and permanent pasture. Lb. 30 cts.

**Redtop, Fancy Recleaned** (*Agrostis vulgaris*). An excellent grass for lawns and pastures. We offer only fancy, recleaned seed, entirely free from chaff. Lb. 40 cts.

**Rough-stalked Meadow Grass** (*Poa trivialis*). No grass is better adapted for pleasure-grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. A fine grass for dry ground under bay-windows, overlapping roofs and shady side yards. Sow 20 to 25 pounds to the acre. Lb. 55 cts.

**Ryegrass, English** (*Lolium perenne*). Invaluable for permanent pastures, as it forms compact sward, remains bright and green throughout the season, and is a rapid grower. Sow 60 pounds to the acre. Lb. 25 cts.

**Ryegrass, Italian** (*Lolium italicum*). Thrives on any good soil and is unequalled for producing feed early in the spring as well as throughout the season. Responds quickly to rich food and moisture, and is a rapid grower. Sow 60 pounds to the acre. Lb. 25 cts.

**Sweet Vernal, True Perennial** (*Anthoxanthum odoratum*). Valuable for lawns and pasture. Emits a very fragrant odor when cut. Lb. \$1.

**Timothy** (*Phleum pratense*). XXX fancy, recleaned. Either alone or with redtop and clover, it furnishes the best hay. Lb. 20 cts.

**Wood Meadow Grass** (*Poa nemoralis*). Grows well in shade. Lb. 70 cts.





*Fall is the  
Ideal Time to Sow  
Grass Seed*

~  
SEE PAGES 30 and 31